

**STATE OF IDAHO
DEPARTMENT OF LANDS
REQUEST FOR QUOTATIONS**

**PRECOMMERCIAL THINNING, CULL REMOVAL,
SLASHING, AND PRUNING CONTRACT**

Contract 10-204

SOLICITATIONS CLOSE 3 PM MST on March 26, 2010

The purpose of this Request for Quotations (RFQ) package is to solicit sealed quotes for the efficient completion of the precommercial thinning work outlined in the attached project descriptions and contract documents.

INSTRUCTIONS:

The right is reserved to accept or reject quotations on each item separately or as a whole. All price quotes will be entered on the attached Schedule A. The Schedule A is signed and returned to the address listed below. Responders may quote on any or all of the projects listed.

Sealed RFQ's must be received by the Idaho Department of Lands at 300 N 6th St Suite 103, Boise, Idaho, 83702 by 3:00 PM M.S.T. March 26, 2010. The Department of Lands is not responsible for lost or undelivered RFQ's or for failure of the United States Postal Service or the Idaho State Capital Mall Central Mail Room to deliver RFQ's to the Idaho Department of Lands by the RFQ closing deadline. **Late RFQ's will not be accepted. Fax RFQ's will not be accepted.**

Delivery Address:

Idaho Department of Lands
ATTN: Tony Pirc
300 N. 6th St Suite 103
Boise, ID 83702

RFQ's are to be mailed in a sealed envelope and are to be marked in the lower left hand corner with the following information:

Sealed RFQ For:	10-204 Precommercial Thinning Contract
RFQ Close:	March 26, 2010 at 3 P.M. M.S.T.

A RFQ submitted using "Express/Overnight" services must be shipped in a separate sealed inner envelope identified as stated above and enclosed inside the "Express/Overnight" shipping envelope.

QUESTIONS

Questions pertaining to RFQ specifications may be submitted by phone or email to Tom Fleeer at tfleeer@idl.idaho.gov 208-666-8615 or to the Area contact listed in the project descriptions.

SCHEDULE A
CONTRACT NO. 10-204

PRECOMMERCIAL THINNING/CULL REMOVAL/SLASHING/WWP PRUNING CONTRACT

SUPERVISORY AREA	PROJECT NAME	NUMBER OF ACRES	PRICE PER ACRE	TOTAL EXTENDED AMOUNT
Priest Lake 10-204-100492	Cool Mouth Thin & Prune			
	Units 1,2,3,5,9,10,11,12,15 Thin and Prune	421	\$	\$
	Units 4,6,8,13,14 Thin Only	117	\$	\$
	Unit 7 Prune Only	22	\$	\$
	FM# 10-492-112-10	TOTAL		\$
Pend Oreille Lake 10-204-200729	Butler Thin	148	\$	\$
	FM# 20-729-112-10			
Pend Oreille Lake 10-204-200733	Moose Run Thinning	34	\$	\$
	FM# 20-733-112-10			
Pend Oreille Lake 10-204-200735	2010 Hoodoo Thin	181	\$	\$
	FM# 20-735-112-10			
Kootenai Valley 10-204-210088	Kootenai Orchard PCT	240	\$	\$
	FM# 21-088-112-10			
Kootenai Valley 10-204-210090	Fall High Green Cull (slashing)	84	\$	\$
	FM# 21-090-108-10			
St. Joe 10-204-300579	St. Joe Town Thin & Prune 2010			
	Units 4,5,6, Thin and Prune	108	\$	\$
	Units 1,2 Thin Only	136	\$	\$
	Unit 3 Prune Only	60	\$	\$
	FM# 30-579-112-10	TOTAL		\$
St. Joe 10-204-300580	2010 Floodwood Thin and Prune			
	Units 3,4, Thin and Prune	718	\$	\$
	Units 1,2 Thin Only	201	\$	\$
	FM# 30-580-112-10	TOTAL		\$
Cataldo 10-204-310052	Lower Canary Thinning	102	\$	\$
	FM# 31-052-112-10			
Clearwater 10-204-400978	Beartrap Precommercial Thinning	83	\$	\$
	FM # 40-0978-112-08			
Clearwater 10-204-400984	Feary Creek Thinning	75	\$	\$
	FM # 40-0984-112-08			
Clearwater 10-204-401022	Backside Angel PCT	144	\$	\$
	FM# 40-1022-112-10			

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CONTRACT NO. 10-204

PRECOMMERCIAL THINNING/CULL REMOVAL/SLASHING/WWP PRUNING CONTRACT

SUPERVISORY AREA	PROJECT NAME	NUMBER OF ACRES	PRICE PER ACRE	TOTAL EXTENDED AMOUNT
Clearwater 10-204-401040	Upper Fohl Creek PCT	68	\$	\$
	FM # 40-1040-112-10			
Clearwater 10-204-401065	Bear Basin Thinning	292	\$	\$
	FM # 40-1065-112-10			
Ponderosa 10-204-410137	Teakean Thinning	85	\$	\$
	FM# 41-137-112-10			
Ponderosa 10-204-410139	Fisher Creek Thinning	65	\$	\$
	FM# 41-139-112-10			
Craig Mountain 10-204-430049	Eagle's Head Thinning	36	\$	\$
	FM# 43-049-112-08			
Craig Mountain 10-204-430057	Madden Corral Thinning	40	\$	\$
	FM# 43-057-112-10			
Payette Lakes 10-204-500343	Pole Creek CTR (cull tree removal)	108	\$	\$
	FM# 50-343-132-10			
Payette Lakes 10-204-500353	Yockwah PCT (thinning)	274	\$	\$
	FM# 50-353-112-10			
Payette Lakes 10-204-500355	ERL (cull tree removal)	340	\$	\$
	FM# 50-355-132-10			

Any additional work required under this contract but not scheduled will be performed at the rates shown herein. An approved and signed contract modification will be required prior to the start of additional work.

In case of math errors, the PRICE PER ACRE will be the controlling factor. The PRICE PER ACRE will be correctly extended and the corrected TOTAL EXTENDED AMOUNT will be the basis for award.

Those item(s) that have addition work (pruning) must have the PRICE PER ACRE listed in the PRICE PER ACRE column for that type of work, and the extended project price in the TOTAL EXTENDED AMOUNT column.

My quotes on this solicitation are tendered on the basis that the total number of acres awarded to me will not exceed approximately _____ acres.

What is your State of domicile? _____

Company Name _____

Contractor's Name _____

Mailing Address: _____

Contractors Signature _____

Title _____

IDAHO DEPARTMENT OF LANDS

STANDARD INFORMATION

ADDENDA

It will be the respondent's responsibility to check for any addenda prior to submitting a quotation. In the event it becomes necessary to revise any part of the solicitation documents, addenda will be made available. Information given to a respondent will be available to all other respondents if such information is necessary for purposes of submitting a quotation or if failure to give such information would be prejudicial to uninformed respondents.

BURDEN OF PROOF

ANY VARIATIONS of brand names or deviations from the specifications MUST BE CLEARLY STATED. It shall be the responsibility and burden of the submitting vendor to furnish the State WITH ITS ORIGINAL SUBMISSION sufficient data to determine if the goods or services offered conform to the specifications.

ORAL INFORMATION

The State will not be responsible for any verbal or oral information regarding a quote.

DISQUALIFICATION AND AWARD INFORMATION

The state reserves the right to make reasonable inquiry to determine the responsibility of a contractor. Such requests may include but not be limited to financial statements, credit ratings, statements of experience and past performance, references, etc. Successful contractors must show to the satisfaction of the Idaho Department of Lands that they have sufficient equipment and work crews to complete the work contracted by the time specified. The unreasonable failure of a contractor to promptly supply information in connection with such a request is reason for disqualification. Except as otherwise provided by law, information furnished by the contractor pursuant to this provision may not be disclosed outside the Idaho Department of Lands without prior written consent of the Contractor. Disqualification of a high ranking contractor may be pursued when their reputation, experience or references are such as to create a doubt about satisfactory job completion or if the price quotes are considerably below Department estimates and the other quotes. The purchasing agent will contact the contractor and request that they disqualify themselves by withdrawing in writing. If the contractor refuses to withdraw, the purchasing agent may notify the contractor in writing or email that the Department will not offer the contractor a contract and proceed with an award to the next responsible contractor.

PARTNERSHIPS

Contractors responding as partners must furnish the Idaho Department of Lands the name of the partnership, names of the partners, and the partnership's federal taxpayer ID number. All payments will be made to the partnership.

INTERNAL REVENUE SERVICES REPORTING REQUIREMENT

IRS rules and regulations require employers to submit a miscellaneous income form (IRS form 1099) for all contractual persons who receive \$600 or more in a calendar year. Incorporated firms are exempt from this reporting requirement. The contractor's taxpayer identification number (Social Security or employer number) must be listed on the signature page of the contract.

PUBLIC RECORDS

The Idaho Public Records Law, Idaho Code Sections 9-337 through 9-348, allows the open inspection and copying of public records. Public records include any writing containing information relating to the conduct or administration of the public's business prepared, owned, used, or retained by a state or local agency regardless of the physical form or character. ALL, OR MOST (there are exceptions), OF THE INFORMATION CONTAINED IN YOUR RESPONSE TO THE STATE'S SOLICITATION WILL BE A PUBLIC RECORD SUBJECT TO DISCLOSURE UNDER THE PUBLIC RECORDS LAW.

WORKERS COMPENSATION INSURANCE

All persons working for the State under any contract of hire, expressed or implied, must be covered by worker's compensation insurance. (Reference Title 72, Idaho Code).

Contractors may not sign an affidavit or waiver of any kind declaring themselves exempt from coverage.

Any contractor who hires employees to accomplish the contracted work must provide a certificate of worker's compensation insurance.

The Department of Lands may pay worker's compensation insurance premiums on behalf of the contractor if the contractor has no employees and, except for the provisions in this contract, is not otherwise required to carry worker's compensation insurance. The contractor must indicate they do not carry worker's compensation by checking the appropriate statement on the response form. The cost of the premium will be tallied in the quote evaluation so that a contractor paying worker's compensation premiums is not penalized. In no event will the premium be paid to the contractor.

Example: Contractor #1 quote total = \$8,000.00
Contractor does not provide worker's compensation

Contractor #2 quote total = \$9,000.00
Contractor provides worker's compensation

The following procedure will be used to evaluate the quote without worker's compensation.

(EXAMPLE – ALL RATES ARE EXAMPLES ONLY)

Quote times applicable worker's compensation rate times current Department of Lands' percentage reduction rate added to quote.

<u>Contractor #1</u>	<u>Worker's Class Rate</u>		<u>Reduction Rate</u>	<u>Premium Amt.</u>
\$8,000.00	x rate \$31.00 per/100	x	67.5	= \$1,674.00
			Plus quote amount	+8,000.00
			Total quote price	\$9,674.00

Contractor #2 would be the successful respondent and furnish a certificate to the Idaho Department. of Lands

PREFERENCES

Section 67-2349, Idaho Code, requires application of a preference in determining which contractor submitted the lowest responsible quote. If the contractor who submitted the lowest quote is domiciled in a state which has a preference law that penalizes Idaho domiciled contractors, then the State must apply a preference. The penalty applied to out-of-state contractors competing against Idaho contractors is determined by the penalty applied by the contractor's domiciliary state to its out-of-state contractors.

In determining domicile, the following "rule of thumb" will be used: Corporations – the state in which the corporation is chartered or incorporated; Sole proprietor or partnership – the state in which the permanent headquarters of the business is located.

A contractor domiciled outside the boundaries of the state of Idaho may be considered as an Idaho domiciled contractor provided that there exists for a period of one year preceding the date of the quote a significant Idaho economic presence as defined herein. A significant Idaho economic presence shall consist of the following: (a) That the contractor maintain in Idaho fully staffed offices, or fully staffed sales offices or divisions, or fully staffed sales outlets, or manufacturing facilities, or warehouses or other necessary related property; and (b) if a corporation, that it be registered and licensed to do business in the state of Idaho with the office of the secretary of state.

REJECTION OF QUOTES AND CANCELLATION OF QUOTE SOLICITATION

Prior to the issuance of a contract, the State shall have the right to accept or reject all or any part of a quote when: (i) it is in the best interests of the State of Idaho; (ii) the quote does not meet the minimum quote specifications; (iii) the quote is not the lowest responsible quote; (iv) a finding is made based upon available evidence that a respondent is not responsible or is otherwise incapable of meeting specifications or providing an assurance of ability to fulfill contract requirements; or (v) the item offered deviates to a major

degree from the quote specifications, as determined by the State (minor deviations, as determined by the State, may be accepted as substantially meeting the quote requirements of the State of Idaho). Deviations will be considered major when such deviations appear to frustrate the competitive solicitation process or provide a respondent an unfair advantage. Prior to the issuance of a contract, the State shall have the right to reject all quotations or to cancel a solicitation or request for quotations. Cancellation may be for reasons that include but are not limited to: (i) inadequate or ambiguous specifications; (ii) specifications have been revised; (iii) property is no longer required; (iv) there is a change in requirements; (v) all quotes are deemed unreasonable or sufficient funds are not available; (vi) quotes were not independently arrived at or were submitted in bad faith; (vii) it is determined that all requirements of the solicitation process were not met; (viii) insufficient competition; or (ix) it is in the best interests of the state of Idaho.

AWARD PROCEDURES

For contracts with a total solicitation value of \$75,000 or less, the State will email a contract award to the successful respondent(s) within five (5) working days following the solicitation closure date.

For contracts with a total solicitation value of more than \$75,000, the State will notify all respondents within five (5) working days following the solicitation closure, by mail and/or email, of its intent to award a contract and the party(ies) to whom the contract will be awarded. After elapse of the five (5) day appeal period set forth in Idaho Code (see Administrative Appeals below), and there being no appeals received, the State will award a contract to the successful respondent(s).

Respondents to whom a contract has been awarded will have fourteen (14) calendar days from the mailing date of the award notice to return to the State a signed copy of the contract along with the required bonding and certificates of insurance. If the State does not receive such documents within the specified time period, the State may declare, at its sole discretion, that all respondent's rights to the contract are forfeited, and the State may proceed without further delay or notice to award the contract to the next low respondent.

ADMINISTRATIVE APPEALS

The law the State follows in administrative appeals is set forth at Section 67-5733, Idaho Code.

STATE OF IDAHO
DEPARTMENT OF LANDS



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CONTRACT NO. 10-204

DIVISION A - GENERAL

1. DEFINITIONS AND TERMS

- a. Attachments: The attached project descriptions, maps, and other labeled references are a part of this contract, and any special terms therein are binding upon all parties.
- b. State Department of Lands or IDL: Acceptable and legal references to the Idaho Department of Lands for the purposes of this contract.
- c. Contract Supervisor: The designated department representative who will provide on-the-ground administration of this contract.
- d. Contractor Representative: The Contractor's representative, authorized in writing, to be present on the project area at nearly all times and can act on the Contractor's behalf. This person must be able to speak English fluently for satisfactory communication with the Contract Supervisor.
- e. Purchasing Agent: The contracting officer for the Idaho Department of Lands.
- f. Blister Rust Canker: Lethal blister rust cankers are defined as bole cankers and/or branch cankers located closer than six inches (6") to the main stem.
- g. Branch Collar: The basal enlargement of a branch.
- h. Buffer Zone or Buffer Strip: An untreated leave strip; no treatment (thinning/slashing) required.
- i. Crew: May be one or more individuals performing work under this contract.
- j. Crop Trees: Crop trees (leave trees) are trees to be left and will be the best dominant or co-dominant conifers of good form and vigor and are free from insects and disease.
- k. Diameter Breast Height (DBH): A point on the tree stem 4.5 feet above average ground level.
- l. Hang-ups: Partially severed stems or stems completely severed which are not placed on the ground.
- m. Lift: The height that limbs are pruned in a particular operation.
- n. Mechanical Treatment: The use of power saws, axes, pruning saws, or other approved tools to remove surplus (cut) trees, limbs, and brush.
- o. Pre-suppression Lanes: Fire trails designated in the project description and project map.
- p. Pruning: The severing of all live and dead limbs from the bole of a tree to the specified pruning height.
- q. Pruning Height: Pruning height will be determined from the uphill side of a tree.

- r. Services: Includes services performed, workmanship, and material furnished or utilized in the performance of services.
- s. Slash: All severed trees, tops, and debris created as a result of the cutting activity.
- t. Surplus Trees: All trees which do not meet contract specifications as per the master contract and attached project description(s), and are required to be cut. Surplus trees includes trees larger than the specified minimum height and are not needed to meet spacing requirements, trees not completely severed from the stump, or cut trees with stumps not cut below the lowest live limb(s), stumps taller than the minimum height, and hang-up trees. In addition, trees that are required to be girdled, but not girdled or not girdled properly, and all hardwood species (trees and shrubs) not cut, if required, are also considered as surplus trees.
- u. Unit: The units, for purposes of this contract, are shown on the project map(s).

2. CONTRACT RELATIONSHIP

It is distinctly and particularly understood and agreed between the parties that this contract does not create an employer/employee relationship. Furthermore, the State of Idaho is in no way associated or otherwise connected with the performance of any service under this contract on the part of the Contractor or with the employment of labor or the incurring of expenses by the Contractor. Said Contractor is an independent contractor in the performance of each and every part of this contract, and solely and personally liable for all labor, taxes, insurance, required bonding and other expenses, except as specifically stated herein, and for any and all damages in connection with the operation of this contract, whether it may be for personal injuries or damages of any other kind. The Contractor shall exonerate, indemnify and hold the State of Idaho harmless from and against and assume full responsibility for payment of all federal, state and local taxes or contributions imposed or required under unemployment insurance, social security, and income tax laws with respect to the Contractor or Contractor's employees engaged in performance under this contract.

3. CONTRACTOR RESPONSIBILITY

The Contractor shall be required to assume responsibility for production and delivery of all material and services included in this contract, whether or not the Contractor is the manufacturer or producer of such material or services. Further, the Contractor will be the sole point of contact on contractual matters, including payment of charges resulting from the use or purchase of goods or services.

4. SUBCONTRACTING

Unless otherwise allowed by the State in this contract, the Contractor shall not, without written approval from the State, enter into any subcontract relating to the performance of this contract or any part thereof. Approval by the State of Contractor's request to subcontract or acceptance of or payment for subcontracted work by the State shall not in any way relieve the Contractor of responsibility for the professional and technical accuracy and adequacy of the work. The Contractor shall be and remain liable for all damages to the State caused by negligent performance or non-performance of work under the contract by Contractor's subcontractor or its sub-subcontractor.

5. ANTIDISCRIMINATION/EQUAL EMPLOYMENT OPPORTUNITY CLAUSE

Acceptance of this contract binds the Contractor to the terms and conditions of Section 601, Title VI, Civil Rights Act of 1964 in that "No person in the United States shall, on the grounds of race, color, national origin, or sex, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving Federal financial assistance." In addition, "No other wise qualified handicapped individual in the United States shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to

discrimination under any program or activity receiving federal financial assistance" (Section 504 of the Rehabilitation Act of 1973). Furthermore, for contracts involving federal funds, the applicable provisions and requirements of Executive Order 11246 as amended, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, Section 701 of Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967 (ADEA), 29 USC Sections 621, et seq., the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, U.S. Department of Interior regulations at 43 CFR Part 17, and the Americans with Disabilities Action of 1990, are also incorporated into this contract. The Contractor must include this provision in every subcontract relating to purchases by the State to insure that subcontractors and vendors are bound by this provision.

6. WORKMAN'S COMPENSATION INSURANCE

The Contractor will maintain and pay for any applicable workman's compensation insurance and will provide a certificate of same. If the Contractor does not have employees and is not otherwise required to carry workman's compensation insurance under the laws of the State of Idaho, the Idaho Department of Lands will furnish workman's compensation insurance for work done under this contract unless otherwise specified in the contract. The cost to the Idaho Department of Lands for furnishing such workman's compensation insurance will be added to the Contractor's quote price for purposes of evaluation only. In no event will said amount be paid to the Contractor.

7. TAXES

If the Contractor is required to pay any taxes incurred as a result of doing business with the State of Idaho, it shall be solely and absolutely responsible for the payment of those taxes.

8. LICENSES, PERMITS & FEES

The Contractor shall, without additional expense to the State, obtain all required licenses and permits and pay all fees necessary for executing provisions of this contract unless specifically stated otherwise herein.

9. STATE OF IDAHO MINIMUM WAGE LAW

It will be the responsibility of the Contractor to fully comply with Section 44-1502, Idaho Code, regarding minimum wage.

10. AFFIDAVIT OF COMPLIANCE

The Contractor, upon completion of the project work, must furnish the Idaho Department of Lands with a notarized affidavit stating that:

- a. At least the minimum Idaho wage was paid.
- b. There was compliance with all labor laws.
- c. All debts incurred as a result of this contract were paid.
- d. Any further claims against the State of Idaho under this contract are relinquished, pending payment for services rendered.

11. SAVE HARMLESS

Contractor shall indemnify and hold harmless the State of Idaho from any and all liability, claims, damages, costs, expenses, and actions, including reasonable attorney fees, caused by or that arise from the negligent or wrongful acts or omissions of the Contractor, its employees, agents, or subcontractors under this contract that cause death or injury or damage to property or arising out of a failure to comply with any state or federal statute, law, regulation or act.

12. OFFICIALS, AGENTS AND EMPLOYEES OF THE STATE NOT PERSONALLY LIABLE

In no event shall any official, officer, employee or agent of the State of Idaho be in any way personally liable or responsible for any covenant or agreement herein contained whether expressed or implied, nor for any statement, representation or warranty made herein or in any connection with this contract. This section shall not apply to any remedies in law or at equity against any person or entity that exist by reason of fraud, misrepresentation or outside the terms of this contract.

13. RISK OF LOSS

Risk of loss and responsibility and liability for loss or damage will remain with Contractor until final inspection and acceptance when responsibility will pass to the State except as to latent defects, fraud and Contractor's warranty obligations. Such loss, injury or destruction shall not release the Contractor from any obligation under this Contract. If installation is requested by the State or specified in the State's project documents, pricing shall include all charges associated with a complete installation at the location specified.

14. ASSIGNMENTS

The Contractor shall not assign a right or delegate a duty under this contract without the prior written consent of the State.

15. PROHIBITED CONTRACTS

No member of the legislature or officer or employee of any branch of the state government shall directly himself, or by any other person execute, hold or enjoy, in whole or in part, any contract or agreement made or entered into by or on behalf of the state of Idaho, if made by, through or on behalf of the department in which he is an officer or employee or if made by, through or on behalf of any other department unless the same are made after competitive quotations. (Idaho Code Section 67-5726(1)).

16. GOVERNMENT REGULATIONS

- a. The Contractor shall abide by and comply with all laws and regulations of the United States, the State of Idaho including the Forest Practices Act (Title 38, Chapters 1 and 13, Idaho Code), counties or other governmental jurisdictions wherein the work is executed insofar as they affect this contract. The Contractor will make all payments, contributions, remittances, and all reports and statements required under said laws.
- b. Contractor guarantees that all items meet or exceed those requirements and guidelines established by the Occupational Safety and Health Act, Consumer Product Safety Council, Environmental Protection Agency, or other regulatory agencies.

17. SAFETY INFORMATION

- a. The Contractor assumes full responsibility for the safety of his employees, equipment and supplies.
- b. All chemicals, equipment and materials proposed and/or used in the performance of this Contract must conform to the standards required by the William-Steiger Occupational Safety and Health Act of 1970. Contractor must furnish all Material Safety Data Sheets (MSDS) for any regulated chemicals, equipment or hazardous materials at the time of delivery.

18. USE OF THE STATE OF IDAHO NAME

Contractor agrees that it will not, prior to, in the course of, or after performance under this contract, use the State's name in any advertising or promotional media as a customer or client of Contractor without the prior written consent of the State.

19. CONTRACT TERMINATION

- a. The State may terminate this contract, in whole or part, by written notice delivered to either the Contractor or his representative in any one of the following circumstances. Termination by the State for cause shall result in forfeiture of Contractor's bond.
 - (1) Failure of the Contractor to perform any of the provisions of this contract.
 - (2) Failure of the Contractor to correct unsatisfactory performance or work immediately after it has been brought to his attention.
 - (3) Failure of the Contractor to make satisfactory progress in order to be able to complete the work within the contract period.
 - (4) The State may terminate this contract at any time for the convenience of the State upon ten (10) calendar days' written notice specifying the date of termination
- b. Upon termination, the Contractor shall:
 - (1) Promptly discontinue performing under the contract, unless the termination notice directs otherwise.
 - (2) Promptly return to the State control of the properties and any personal property provided by the State pursuant to the contract.
 - (3) Deliver or otherwise make available to the State all data, reports, estimates, summaries and such other information and materials as may have been accumulated by Contractor in performing duties under the contract, whether completed or in process.
- c. Upon termination, the obligations and liabilities of the parties shall cease, except that the obligations or liabilities incurred prior to the termination date shall be honored. This paragraph shall not be interpreted to place any requirement on the State to accept or make payment to the Contractor for any unsatisfactory work.
- d. If the State terminates the contract, the State may take over the work and may award another party a contract to complete the work as stated by this contract.
- e. In the event of termination, the State shall pay all sums still due Contractor through the effective date of termination in full within thirty (30) days of a written demand and receipt of all items necessary from Contractor to allow the State to make payment.

20. APPROPRIATION BY LEGISLATURE REQUIRED

It is understood and agreed that the State is a government entity and this contract shall in no way or manner be construed so as to bind or obligate the state of Idaho beyond the term of any particular appropriation of funds by the State's Legislature as may exist from time to time. The State reserves the right to terminate this contract in whole or in part (or any order placed under it) if, in its judgment, the Legislature of the state of Idaho fails, neglects, or refuses to appropriate sufficient funds as may be required for the State to continue such payments. All affected future rights and liabilities of the parties hereto shall thereupon cease within ten (10) calendar days after

notice to the Contractor. It is understood and agreed that the State's payments herein provided for shall be paid from Idaho State Legislative appropriations and, in some instances, direct federal funding.

21. FORCE MAJEURE

Neither party shall be liable or deemed to be in default for any Force Majeure delay in shipment or performance occasioned by unforeseeable causes beyond the control and without the fault or negligence of the parties, including, but not restricted to, acts of God or the public enemy, fires, floods, epidemics, quarantine, restrictions, strikes, freight embargoes, unusually severe weather, provided that in all cases the Contractor shall notify the State promptly in writing of any cause for delay and the State concurs that the delay was beyond the control and without the fault or negligence of the Contractor. If reasonably possible, the Contractor shall make every reasonable effort to complete performance as soon as possible.

22. GOVERNING LAW

This contract shall be construed in accordance with, and governed by the laws of the State of Idaho.

23. ENTIRE AGREEMENT

This contract, with the State's Invitation to Request for Proposal, or Request for Quotation, including any addenda (such deemed incorporated by reference) and the vendor's response, to the extent it is not in conflict with the specifications or the States terms and conditions (such document deemed incorporated by reference), constitute the entire agreement between the parties with respect to the subject matter hereof and shall supersede all previous, proposals, or quotations, both oral and written, discussions, representations, commitments, and all other communications between the parties. Where terms and conditions specified in the State's documents or the Contractor's response differ from those specifically stated in this contract, the terms and conditions of this contract shall apply.

24. MODIFICATION

This contract may not be released, discharged, changed or modified except by an instrument in writing signed by a duly authorized representative of each of the parties.

25. PERFORMANCE BONDS

To guarantee full and faithful compliance with the terms and conditions of the contract, a performance bond in the amount of ten percent (10%) of the total contract price will be required on all contracts with a total contract value of \$10,000 or more. The performance bond will be held until all project work has been satisfactorily completed and the affidavit of compliance has been received.

The performance bond will be in the form of cash, by certified check, or money order made payable to the Treasurer, State of Idaho. The performance bond must be submitted to the State prior to the execution of the contract by the Idaho Department of Lands. In lieu of a cash bond, contractors may submit a Certificate of Deposit or Letter of Credit in a form that is acceptable to the State. Such documents will be subject to approval by the Idaho Department of Lands prior to the execution of the contract.

26. ITEMS TO BE FURNISHED BY THE CONTRACTOR

The Contractor will furnish all labor, equipment, supervision, transportation, materials and incidentals necessary to satisfactorily complete this contract including all safety equipment required by current laws and regulations.

The Contractor will also provide all bilingual (English and the principal language of the crew members) supervisory personnel as specified below:

1 - 6 Crewmen = 1 Thinning Crew Supervisor
7 - 11 Crewmen = 2 Thinning Crew Supervisors
12 or more Crewmen = 2 Nonthinning Crew Supervisors

27. ITEMS TO BE FURNISHED BY THE STATE

The Idaho Department of Lands shall furnish:

- a. A Contract Supervisor to acquaint the Contractor with each unit to be worked and to conduct periodic field inspections.
- b. Copies of administrative maps and project map(s).
- c. Other items as per the project description(s).

28. TRASH CLEANUP

The Contractor shall be responsible for picking up and properly disposing of all trash generated as a result of this contract at the end of each day. This includes any camps made by Contractor personnel. Cleanup shall be done to the satisfaction of the Contract Supervisor and covered by the Contractor's performance bond.

29. CAMPING ON STATE LAND

Contractor personnel may, with written approval from the Idaho Department of Lands, camp during the contract period on State land. Such camping will be at the Contractor's own risk. Any camps will be made according to conditions set forth by the Idaho Department of Lands Supervisory Area, be in compliance with State Land Board rules and regulations for fire prevention.

30. FIRE PREVENTION RESPONSIBILITIES

- a. For all precommercial thinning, cull removal, slashing, and pruning projects, the Contractor will adhere to the State Land Board rules and regulations which set forth fire prevention safety precautions for woods operations. Such rules and regulations are available at any Idaho Department of Lands office. These rules and regulations will be outlined during the pre-work conference with the Contractor.
- b. The Contractor shall not build any open fires at any time of the year on the contract area without first obtaining written permission from the State.
- c. The State shall assume fire fighting costs for fires spreading through the slash created by the operation, provided that such fires are not a result of Contractor's operation or employees' actions; then fire costs and damages shall be the liability of the Contractor.

31. CONTRACT PERIOD

This contract will become effective once signed by all parties. Approximate starting dates and duration of the contract are listed in the attached project description(s).

The contract will terminate upon completion and inspection of all contracted projects unless terminated earlier by the State under any of the provisions of Division A, paragraph 19.a (1)-(4).

32. PERFORMANCE OF THE CONTRACTOR

Failure of the Contractor to commence operations as mutually agreed upon by the Contractor and the State to maintain the required production rate, to complete operations as prescribed herein, or failure to meet other terms of the contract, shall give the Idaho Department of Lands the right to cancel the contract as provided for in Division A, paragraph 19.a.(1)-(3). Such cancellation shall not affect any rights of the State of Idaho for recovery of damages from any payment for services due Contractor or from the bond hereinbefore provided for in any action at law or in equity.

33. INSPECTIONS

The Contract Supervisor will inspect the contract work to determine if treatment is satisfactory. Inspection reports will be furnished to the Contractor by the Contract Supervisor so that any deficiencies may be corrected as contract work progresses.

If the original inspection results are unacceptable to the Contractor on either a completed or partially completed unit, one reinspection of the inspection plots may be requested in writing. The Contract Supervisor and Contract Representative shall together revisit the inspection plots to determine the accuracy of the inspection plots. The results of the second inspection will be used in determining payment. If the second inspection results fall below the acceptable limit, the Contractor shall pay for the cost of reinspection.

34. CONTRACT ADMINISTRATION

- a. The Contract Supervisor will administer the contract as required in all specifications.
- b. Disputes between the Contract Supervisor and the Contractor will be resolved by the State.
- c. The Contract Supervisor has the following authority in addition to that delegated in other portions of the contract:
 - (1) Decide questions of fact arising in regard to quality and acceptability of equipment to be used, materials furnished, and all work performed.
 - (2) Make recommendations for payment.

35. PAYMENT PROCEDURES

- a. Payment shall be made on the satisfactory completion of each project unit as per the master contract and attached project description(s). Payment to be made at the rate(s) set forth in Schedule A attached hereto. (For slashing projects, only clauses 35.b,e,f,g,h, k and l will apply; for units to be pruned, clauses in Division A - paragraph 35 i. and j. will be used as basis for payment).
- b. The minimum acceptable standard for satisfactory work is ninety percent (90%). If work falls below ninety percent (90%), the State will inform the Contractor in writing.

**Precommercial Thinning, Cull Removal,
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- (1) If the percent satisfactory is less than ninety percent (90%) due to the cutting of too many crop trees and the unit can not be reworked, the Contractor will be penalized by reducing payment five percent (5%) for each one percent (1%) outside contract standards.

$$* \quad \text{Percent Reduction} = (90\% - \text{Percent Satisfactory}) \times 5$$

- (2) If the percent satisfactory falls below eighty percent (80%) due to the cutting of too many crop trees, there will be no payment for the thinning payment unit. The Contractor will be notified in writing immediately. If unacceptable work continues, the contract will be canceled and the performance bond forfeited.
- c. Inspection plots will be used to determine the percent satisfactory compliance. Compliance and payment for work performed will be based on the following:
- (1) 1/20th acre circular plots (26.3 foot radius horizontal distance) in units with average slopes equal to or less than 30%, or 1/50th acre circular plots (16.65 foot radius horizontal distance) in units with average slopes greater than 30% will be established to check compliance with contract specifications and as a basis for payment.
- (2) A minimum of two (2) plots for each five (5) acres accomplished will be established for 1/20th acre circular plots, and a minimum of one (1) plot for each one (1) acre accomplished will be established for 1/50th acre circular plots.
- (3) Acceptable spacing and number of trees per acre as specified in the Project Description for the area is based on the following Per Acre Zone of Acceptance:

PER ACRE ZONE OF ACCEPTANCE

Number of Crop Trees

<u>Spacing</u>	<u>Minimum</u>	<u>Average</u>	<u>Maximum</u>
9' x 9'	480	535	590
10' x 10'	400	435	480
11' x 11'	320	360	400
12' x 12'	260	303	340
13' x 13'	220	258	300
14' x 14'	180	222	260
15' x 15'	160	194	240
16' x 16'	120	170	200
17' x 17'	110	151	180
18' x 18'	105	134	160
19' x 19'	100	121	140
20' x 20'	90	109	120

- d. The required number of crop trees per acre must fall between the maximum and minimum listed in the Per Acre Zone of Acceptance as specified by spacing in the project description.
- e. The unit is unsatisfactorily treated when sample plots reveal an average of more than one surplus tree per plot and/or when the number of crop trees plus any remaining surplus trees is outside the Per Acre Zone of Acceptance limits for the required spacing.
- f. If work on a unit or part thereof fails to meet contract specifications due to excess trees left, payment will be withheld on the unsatisfactory unit(s). The Contractor shall, at no additional expense to the State, retreat unsatisfactory units or parts thereof. In the event the contract is terminated for unsatisfactory performance, payment will be made as set forth in paragraph 35, item j. below for work satisfactorily completed.

- g. Excess or surplus trees must be treated to the satisfaction of the State before work may be performed in any other portion of the unit or units.
- h. Inspection for acceptance of pruning performance and compliance for contract payment will be performed using the following sampling methods:
 - (1) Acceptance of pruned trees will be based on a minimum of three (3) trees per acre within each unit, or as described in the project description.
 - (2) Inspections will be made within the 1/20 or 1/50 acre fixed plots that will be taken for thinning compliance plots.
- i. Payment for acres pruned will be adjusted as follows:
 - (1) If % Satisfactory is greater than or equal to 90%, payment will be made at the contract price.
 - (2) If % Satisfactory falls below 90%, there will be no payment for the pruning unless the unit can be satisfactorily reworked by the Contractor.
- j. Payment shall be made by unit as each unit is declared satisfactorily completed by the Contract Supervisor. In the event that a unit is not completed and the State elects to terminate this contract as per Division A, paragraph 19, item c., the acreage treated will be traversed by the State, and the cost of such traverse will be deducted from the Contractor's final payment, and/or performance bond if the final payment does not cover the cost of the traverse.
- k. Any disputes on project acreage(s) by the Contractor must be submitted to the State in writing during the contract period. The State will traverse the unit(s) in question. If the traverse acreage is within 105 percent of the contract acreage, the Contractor will pay for the cost of the traverse. If the traversed acreage exceeds 105 percent of the contract acreage, the Contractor will be paid on the basis of the traversed acreage, and there will be no charge for the traverse.

DIVISION B – TECHNICAL SPECIFICATIONS

Unless stated otherwise, all work performed shall conform to that commonly used in the forestry profession, the Idaho Department of Lands Forest Improvement Manual, and as directed by the Idaho Department of Lands.

1. LOCATIONS AND ACREAGE DETERMINATION

- a. The unit boundaries, other than for easily identified ground features, have been marked with paint or flagging as per the project description(s).
- b. Net acreage as indicated in the project description(s) was measured on the horizontal plane. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated as excluded areas on the project map(s).

2. CUTTING REQUIREMENTS

- a. Surplus trees will be mechanically treated by completely severing the stem below the lowest live limb. "Hang-ups" or partially severed stems will not be allowed.
- b. Stump height for thinning size material will not exceed 12 inches as measured from the uphill side of the tree.

- c. Crop trees will be selected or reserved as specified in the project descriptions. Trees 6" dbh and larger shall not be cut unless otherwise specified in the project description, or is a living cull as described below.
- d. Except for crop or leave trees as specified above, mechanically remove the following:
(Applies to thinning and cull removal)
 - (1) All whips and other surplus conifer trees to a minimum height as specified in each project description.
 - (2) All hardwood species located within 8 feet of a conifer crop tree which are, in height, within 3 feet to overtopping a crop tree.
 - (3) Trees of poor form and vigor (living culls) to include:
 - i. Trees with signs of insects and/or disease.
 - ii. Trees with excessive crooks, forks, leaning, or otherwise damaged from previous logging.
 - iii. Trees with less than twenty-five percent (25%) of total height in live green crown.
 - (4) All porcupine damaged trees.
 - (5) All trees with trunk infections including western white pine trees with lethal blister rust cankers. Western white pine will be selected as a crop tree if it appears to be blister rust resistant and is in vigorous condition.
 - (6) Girdling will be permitted where falling of the tree will cause damage to the crop tree(s). Girdle by two continuous saw kerfs no more than 6-inches apart through the cambium layer around the bole of the tree. For safety considerations, cut no more than one-inch (1") into the wood beyond the cambium layer.
 - (7) If branch pruning is done on crop trees to clear a way for cutting non-crop trees using chain saws, prune the branches within one-inch of the bole. Do not cut into the bark on the main bole. If branch pruning of western white pine crop trees for blister rust control is required, procedures will be used as per below (numbers 8 and 10), and the attached project description.
 - (8) Pruning operations shall be conducted in a manner that does not cause tree damage. All pruning for white pine blister rust control shall be performed with hand pruners, lopping shears or pruning saws as described in the project description and approved by the Contract Supervisor.
 - (9) Cutting down western white pine crop trees which do not have lethal blister rust cankers shall be considered grounds for termination of the contract and for forfeiture of the Contractor's bond.
 - (10) On western white pine trees to be pruned, all live limbs, dead limbs and needles on the main bole shall be completely severed from the tree. Branches are to be pruned to leave a flat cut surface within one-quarter inch (1/4") of the branch collar (see Attachment 2).
 - (11) Snag felling requirements, if any, will be stated in the project description(s).

3. THINNING SLASH HAZARD ABATEMENT REQUIREMENTS

- a. Designated roads and skid trails, noted on the project map, around and throughout the project area will provide access and act as additional fire trails. All felled material in or protruding over the top of cutbanks and at least two feet (2') beyond the fill side on these roads and skid trails will be removed by the Contractor and redistributed within treated area.
- b. All felled material which falls outside the unit boundaries shall be pulled back into the unit(s).
- c. Additional hazard abatement treatments are listed in the attached project description(s).

4. COMPLIANCE FOR PAYMENT

- a. Acceptance of work to be performed will be based on a series of inspection plots as per Division A, paragraph 35, item c. The type and number of inspection plots to determine contract compliance is outlined in the attached project description. At each inspection plot the State will determine and record the following:
 - (1) Total number of trees left.
 - (2) Acceptable (optimum) number of crop trees.
 - (3) Number of acceptable crop trees $\geq 6"$ dbh that were cut.
 - (4) Number of trees left which should have been cut.
 - (5) Number of poor tree species left.
 - (6) Number of poor crop trees left.
 - (7) Number of stumps $> 12"$ in height or cut trees with stumps not cut below the lowest live limb(s).
 - (8) Number of hardwood trees/brush which should have been cut.
- b. An inspection form (Attachment 3) will be used to sum the total number of errors and determine the percent of satisfactory work. The total errors divided by the total number of acceptable (available) crop leave trees within the plots (as described below and the project description), equals the percent unsatisfactory work. One hundred percent (100%) minus the percent unsatisfactory work equals the percent satisfactory work.

$$\begin{aligned} * \quad & \text{Percent Satisfactory} = \\ & \frac{\text{Total Number of Errors}}{\text{Acceptable \#Crop Trees}} \times 100 = \% \text{Unsatisfactory} \\ & 100\% - \% \text{Unsatisfactory} = \% \text{Satisfactory} \end{aligned}$$

* All percentages will be rounded to the nearest whole percent.

- c. Acceptance of pruning work to be performed will be based on a series of inspection plots as per Division A, paragraph 35, item h. The type and number of inspection plots to determine contract compliance is outlined in the attached project description. At each inspection plot the State will determine and record the following items:
 - (1) Satisfactory pruned trees

Precommercial Thinning, Cull Removal,
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- (2) Nonpruned tree(s) that should have been pruned
- (3) Pruned trees with the following deficiencies:
 - i. improper pruning height
 - ii. missed limbs or bole needles
 - iii. (c) stub length too long (includes branch splinters)
 - iv. operational damage to the tree (bole damage)
 - v. basis of payment for pruning:

Upon inspection of all plots for project work, the quality of pruning will be calculated as follows:

* Percent Satisfactory =

$$\frac{\text{Acceptable No. of Trees Pruned}}{\text{Total No. of Trees Which Should Have Been Pruned}} \times 100 = \% \text{Satisfactory}$$

* All percentages will be rounded to the nearest whole percent.

IN WITNESS WHEREOF, the parties have caused this contract to be executed effective this

_____ day of _____, 20____, in Boise, Idaho.

IDAHO DEPARTMENT OF LANDS

CONTRACTOR

By _____

By _____

Date _____

Date _____

Contractor's Social Security
or Employer Number

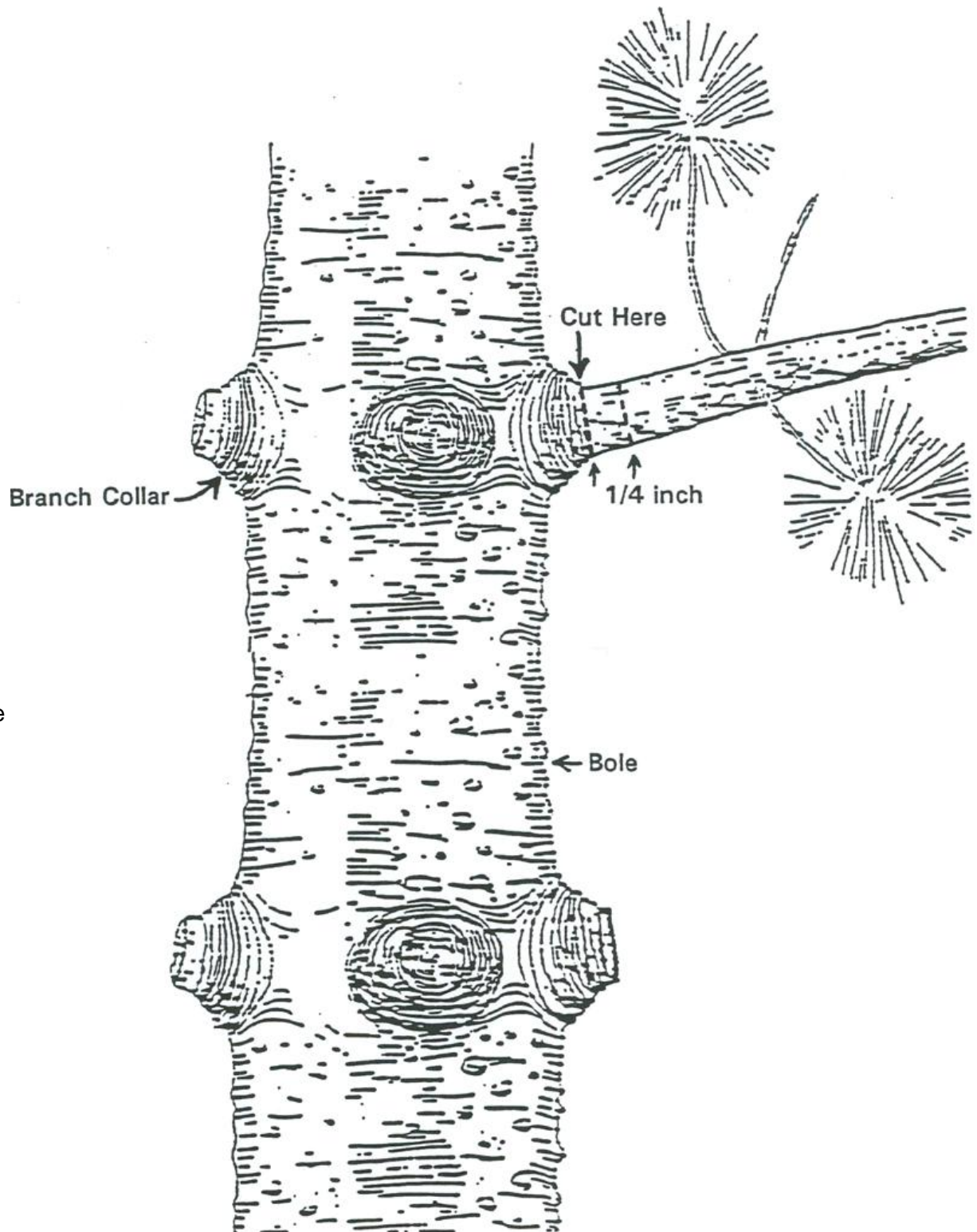
Taxpayer ID# (TIN)

Contractor's Phone/Contact No.

email if available

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ATTACHMENT 2 WESTERN WHITE PINE PRUNING DIAGRAM



All branches
pruned shall
be cut within
1/4 inch of the
branch collar

PRECOMMERCIAL THINNING INSPECTION REPORT

Supervisory Area	Prescription Type
Contract Inspector	Unit Number
Contractor Name	Unit Size (Acres)
Project Name	Plot Size
Contract Number	Date
10-204	

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PLUS
TREES

[illegible]

CONTRACT NO. 10-204-100492**PRECOMMERCIAL THINNING & WHITE PINE PRUNING
PROJECT DESCRIPTION****SUPERVISORY AREA:** Priest Lake**PROJECT NAME:** Cool Mouth Thin & Prune**PROJECT NUMBER:** 10-492-112-10**PROJECT AREA:** 560 acres

- 1. PROJECT LOCATION:** Units 1-9 are located in the Two Mouth Creek drainage approximately 16 air miles northeast of Coolin, Idaho. Units 10-12 are located within a mile east of Coolin, Idaho. Units 13-15 are located in the Waters Creek drainage approximately 6 air miles southeast of Coolin, Idaho.

The following legal descriptions apply:

UNIT	SUBDIVISION	SEC.	TWP.	RGE.	ACRES
1	Pts. E2NE, Pts. E2SE Pts. SWNE, Pts. NW, Pts. W2SW	23 24	62N 62N	4W 4W	83
2	Pts. SW	24	62N	4W	14
3	Pts. W2SE Pts. W2NE	13 24	62N 62N	4W 4W	25
4	Pts. SESW, Pts. SWSE Pts. NWNE, Pts. NENW	24 25	62N 62N	4W 4W	12
5	Pts. Lot 4, Pts. SESW	19	62N	3W	9
6	Pts. SESW Pts. N2NE, Pts. NENW	19 30	62N 62N	3W 3W	31
7	Pts. Lots 1&2, Pts. E2NW	30	62N	3W	22
8	Pts. Lot 4, Pts. SESW Pts. Lot 1, Pts. NENW	19 30	62N 62N	3W 3W	25
9	Pts. NESW, Pts. N2SE	30	62N	3W	28
10	Pts. Lot 1, Pts. NE, Pts. SENW	10	59N	4W	73
11	Pts. SENE, Pts. NESE Pts. W2NW, Pts. NWSW	10 11	59N 59N	4W 4W	35
12	Pts. E2SE Pts. NWSW, Pts. S2SW Pts. NWNW	10 11 14	59N 59N 59N	4W 4W 4W	128
13	Pts. Lots 5&6 Pts. SENE, Pts. NESE	6 1	58N 58N	3W 4W	28
14	Pts. Lots 2&3, Pts. SWNE, Pts. SENW	6	58N	3W	21
15	Pts. Lots 6&7, Pts. SENW, Pts. E2SW	6	58N	R3W	26

TOTAL: 560

2. TREATMENT TYPE:

- A. Units 4, 6, 8, 13 and 14 will be mechanically thinned with chainsaws to various spacings by felling surplus trees over two feet in height.
- B. Units 1, 2, 3, 5, 9, 11 and 15 will be mechanically thinned with chainsaws to various spacings by felling surplus trees over two feet in height. White pine crop trees in these units will be pruned.

Units 10 and 12 will be mechanically thinned with chainsaws to various spacing's by felling surplus trees over one foot in height. White pine crop trees in these units will be pruned.

- C. Unit 7 will have western white pine crop trees free of lethal blister rust cankers pruned.

3. ACCESS:

Units 1-6 and 9-15 are accessed by driveable roads.

Units 7 and 8 are accessible by foot travel.

4. PROJECT PERIOD:

Work may commence after June 1, 2010 and after the Contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on October 31, 2010.

5. CONTRACT PAYMENT:

Payment will be made upon completion of each of the below listed payment units as described in Master Contract No. 10-204-100492 Payment is to be made at the rate set forth in Schedule A attached hereto. No payment will be made before July 1st unless approved by the contract supervisor.

Payment Unit	Acres
1	280
2	280

Total 560

6. THINNING

Subject to the direction and instruction of the contract supervisor, the contractor will be required to adhere to the following:

A. Leave Tree Specifications: Units 1-15

1. Crop or leave trees for all units listed above are to be the best available trees based upon size and vigor, species preference and spacing. When available, the average number of leave trees per acre will not be less than the minimum of the accepted range. The average number of leave trees will not exceed the maximum of the accepted range, except for areas containing a substantial quantity of oversized trees as described in item 3 of this section.
2. When selecting crop trees, a variety of species should be selected. Species preference from first choice to last, by unit, are as follows:

Unit	Treatment Type	Leave Tree Spacing	Acres	Species Preference
1	Thin and Prune	12 X12	83	WP, WL, DF, CE, PP, GF, WH, ES, LP, AF
2	Thin and Prune	12 X12	14	WP, WL, DF, CE, PP, GF, WH, ES, LP, AF
3	Thin and Prune	12 X 12	25	WP, WL,DF, CE, PP, GF, WH, ES, LP AF
4	Thin	12 X 12	12	WP, WL, PP, DF, CE, GF, WH, ES, LP, AF
5	Thin and Prune	12 X 12	9	WP, WL, DF, CE, PP, GF, WH, ES, LP, AF
6	Thin	12 X 12	31	WP, WL, DF, CE, PP, GF, WH, ES, LP, AF
7	Prune	N/A	22	N/A
*8	Thin	12 X12 16 X16	25	WL, DF, WP, CE, PP, GF, WH, ES, LP, AF
9	Thin and Prune	12 X 12	28	WP, WL, CE, DF, GF, WH, ES, PP, LP, AF
10	Thin and Prune	12 X 12	73	WP, WL, PP, DF, CE, GF, WH, ES, LP, AF
11	Thin and Prune	12 X 12	35	WP, WL, PP, DF, CE, GF, WH, ES, LP, AF
12	Thin and Prune	12 X 12	128	WP, WL, PP, DF, CE, GF, WH, ES, LP, AF
13	Thin	12 X12	28	WP, WL, PP, DF, CE, GF, WH, ES, LP, AF
14	Thin	12 X 12	21	WP, WL, DF, CE, PP, GF, WH, ES, LP, AF
15	Thin and Prune	12 X 12	26	WP, WL, DF, PP, CE, GF, WH, ES, LP, AF
Total Acres of Thin and Prune			421	
Total Acres of Thin Only			117	
Total Acres of Prune Only			22	

***Spacing for Unit 8:**

<u>12' X 12'</u>	-between non-PP crop trees
	-between PP and non-PP crop trees
<u>16' X 16'</u>	-between a PP crop tree and another PP crop tree

Species Abbreviations:

WP: white pine	LP: lodgepole pine
WL: larch	ES: Engelmann spruce
DF: Douglas-fir	GF: grand fir
CE: cedar	WH: hemlock
PP: ponderosa pine	AF: subalpine fir

3. No tree, including hardwoods, over 6 inches DBH will be severed from the stump.

B. Cut Tree Specifications:

1. Conifers:
 - a. Living culls and other non-crop trees, less than 6 inches DBH and 2 feet or more in height, will be cut.

Living culls are further defined as follows:

1. Trees which have multiple tops or where the top has died or broken off and terminal growth has been assumed by another limb.
2. Trees with dead, badly damaged or missing tops.
3. Trees containing less than one-third their total height in live crown.
4. Trees which have suffered mechanical or animal damage which has caused the loss of the cambium from an area of half their circumference.
5. Trees with conks present.
6. Western white pine with lethal blister rust present.
7. Trees that are within the spacing requirements and that do not meet the species preference.

- b. In all units, living culls 6 inches DBH and greater except for white pine with blister rust lethal infections will be girdled as per the specifications set forth in Division B, of Master Contract No. 2-10.

2. Hardwoods:

- a. In all units except Unit 7, hardwood species which are less than 6 inches DBH and are located within 8 feet of a selected leave tree and are within 3 feet in height of overtopping the leave tree will be cut.
- b. In all units except Unit 7, hardwood species which are 6"DBH and greater and located within 8 feet of a selected leave tree and are within 3 feet in height of overtopping the leave tree, will be girdled as per the specifications set forth in Division B, of Master Contract No. 10-204-100492.

7. PRUNING:

- A. In Unit 7, western white pine trees which are 4 feet and greater in height and free from lethal blister rust cankers will be pruned of all branches to a 8 foot lift, or to 1/2 the total tree height leaving a 50% live crown, whichever comes first. Height will be measured from the uphill side of the tree.
- B. In Units 1-3, 5, 9-12 and 15, western white pine crop trees, 4 feet and greater in height which are free from lethal blister rust cankers, will be pruned of all branches to a 8 foot lift, or to 1/2 of the total tree height leaving a 50% live crown, whichever comes first. Height will be measured from the uphill side of the tree.
- C. Lethal blister rust cankers are defined as bole cankers and/or branch cankers located closer than 6 inches to the main stem (see Exhibit A).
- D. All live limbs, dead limbs and needles on the main bole shall be completely severed from the tree. Branches are to be pruned to leave a flat cut surface within 1/4 inch of the branch collar (see Exhibit A).
- E. Pruning operations shall be conducted in a manner that does not cause tree damage. Hand pruners, lopping shears or pruning saws will be used as approved by the Contract Supervisor. Pruning with chainsaws or clubs will not be allowed.

8. INSPECTION:

Thinning and pruning work will be inspected and payment made as per Division A of Master Contract No. 10-204-100492. Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or 1/50th acre (16.65 ft. radius horizontal distance) circular plots will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut the Contractor will not be penalized.

9. PROJECT UNIT BOUNDARY DESIGNATION:

Individual unit boundaries are designated by a combination of pink/black striped and blue flagging or by drivable roads as shown on the project unit map.

10. HAZARD PLAN:

- A. Road: Roads 2, 14, 19, 32, 39, 195, 321, 322, 327, 328, 390, 1022 and 1023 that are to be kept free of slash are designated on the project maps. Falling will be done to prevent material from entering these areas whenever possible. All thinning slash introduced onto the road running surface, ditches, culvert catch basins and cuts slopes will be required to be removed and pulled back into the thinning area and dispersed.
- B. Project Boundaries: Slash, which falls outside the boundaries of a treatment area, will be pulled back inside the boundary and scattered.

11. WATER QUALITY:

Any material introduced into or over a live stream in the thinning or pruning process will be removed and placed at least 5 feet horizontal distance from the high water mark.

12. CADASTRAL MONUMENTS AND ACCESSORIES:

Survey monuments and accessories that may be discovered during the execution of this contract will be protected and kept clear of slash. Monuments and accessories (Bearing Trees - BT's) that are destroyed or damaged during the execution of this contract will be re-established at the Contractor's expense in accordance with applicable law.

13. INFORMATION:

Information is available by contacting the following address:
Idaho Department of Lands
4053 Cavanaugh Bay Road
Coolin, Id. 83821
(208) 443-2516
Contact: Keith Zalewski

Cool Mouth Thin and Prune Vicinity Map

Contract No. 10-204-100492
Project No. 10-492-112-10

R 5 W

R 4 W

R 3 W

T 62 N

T 61 N

T 60 N

T 59 N

T 58 N

Priest Lake

Two Mouth Creek

Indian Creek

Horton Creek

Hunt Creek

S. Fork Hunt Creek

Soldier Creek

Lost Creek

Lower Priest River

N. Fork East River

Middle Fork East River

Highway 57

Dickensheet Rd.

East Shore Rd.

Legend

 Thinning Areas


Roads

 Paved

 Main

 Secondary

Streams

 Class I

0 1 2 3 4 5
Miles

KDZ 1/10

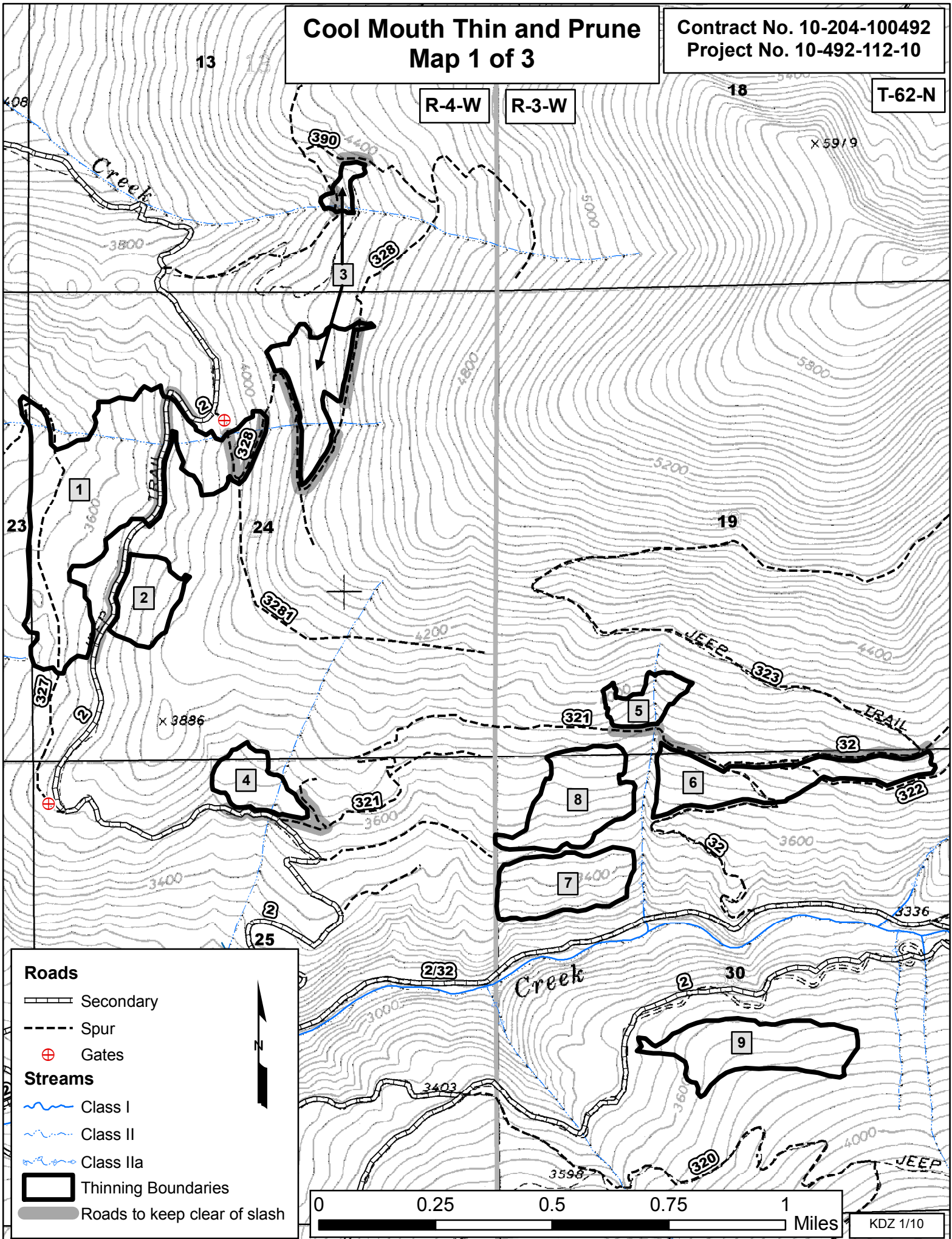
Cool Mouth Thin and Prune Map 1 of 3

Contract No. 10-204-100492
Project No. 10-492-112-10

R-4-W

R-3-W

T-62-N



Roads

Secondary

Spur

Gates

Streams

Class I

Class II

Class IIa

Thinning Boundaries

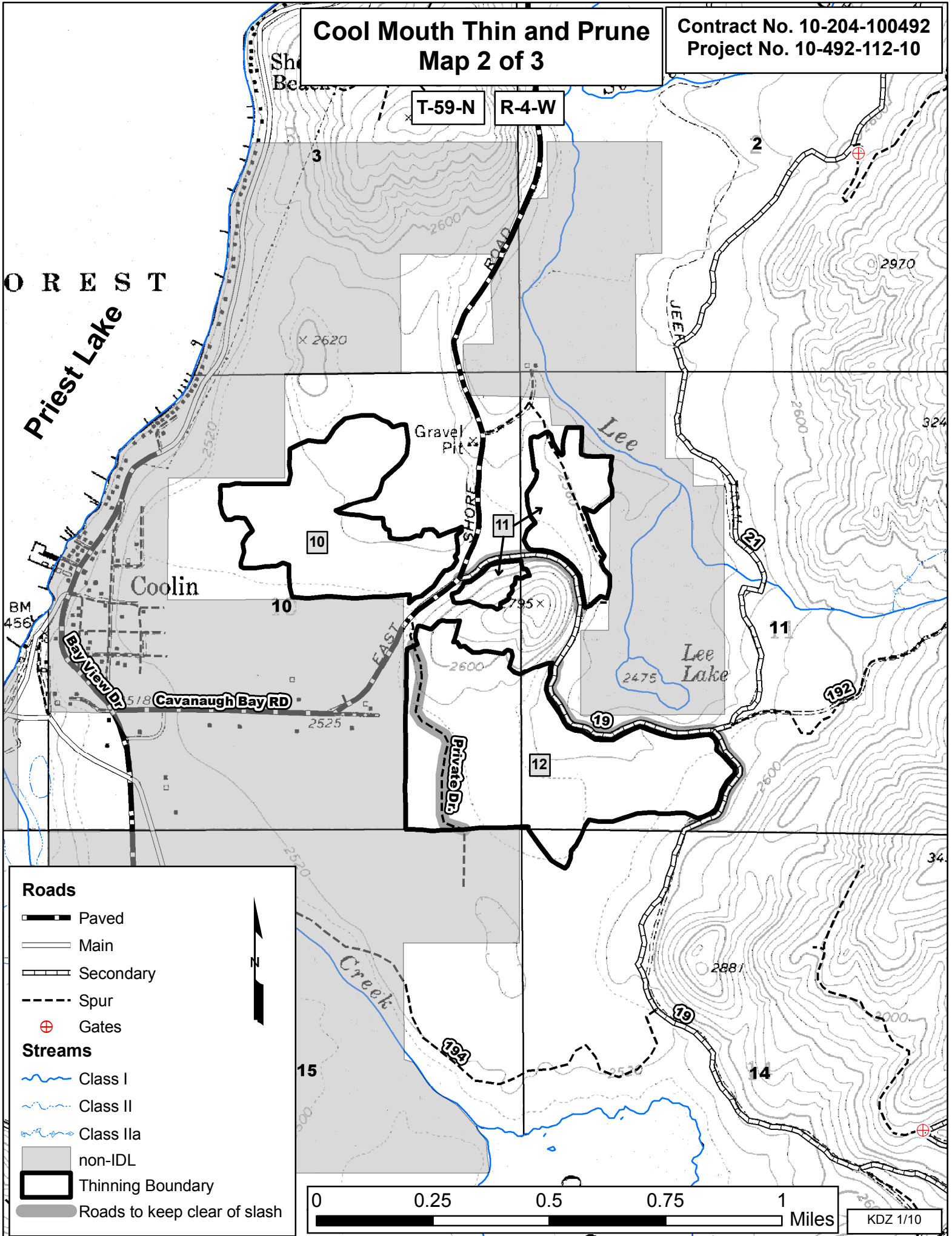
Roads to keep clear of slash

0 0.25 0.5 0.75 1 Miles

KDZ 1/10

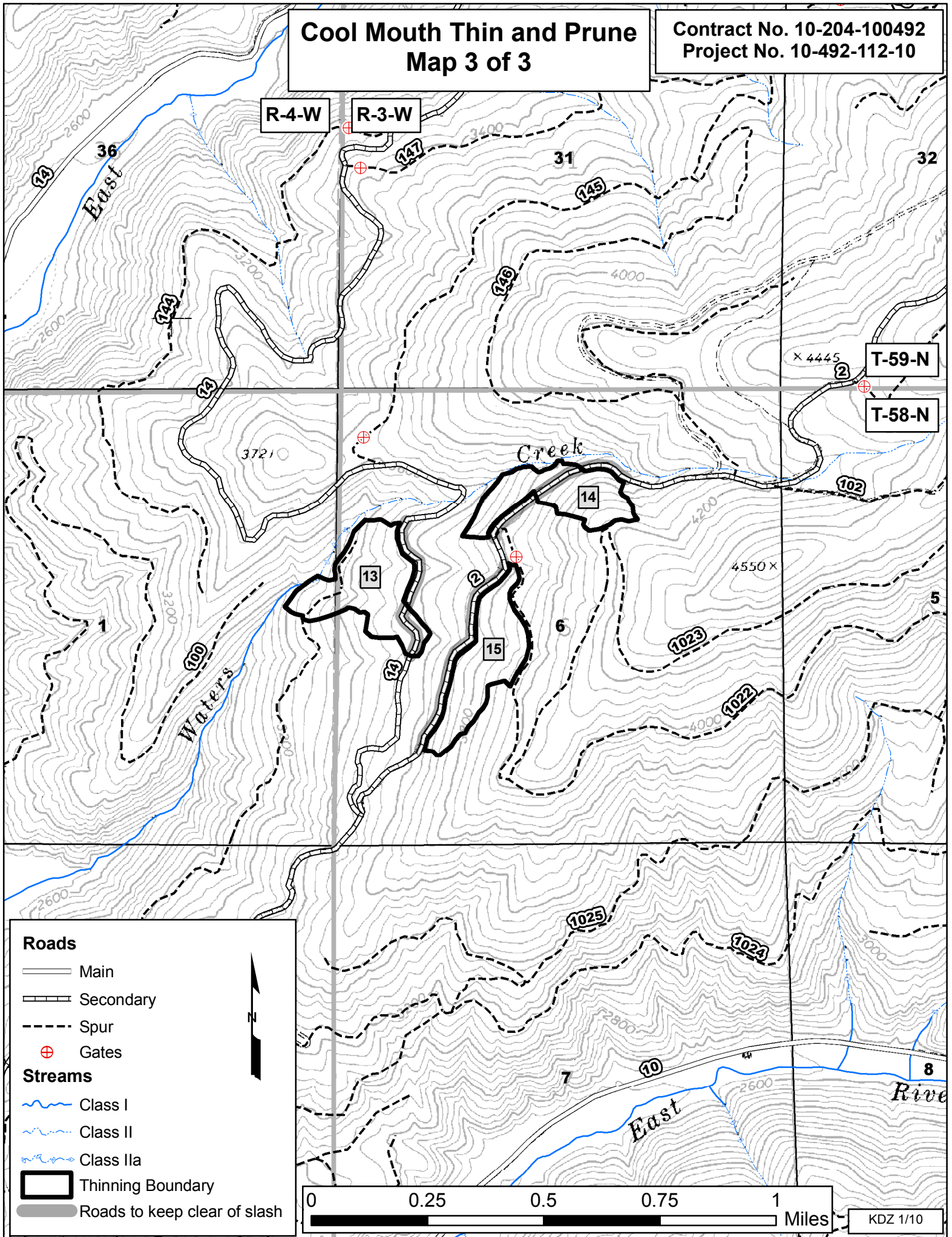
Cool Mouth Thin and Prune Map 2 of 3

Contract No. 10-204-100492
Project No. 10-492-112-10



Cool Mouth Thin and Prune
Map 3 of 3

Contract No. 10-204-100492
Project No. 10-492-112-10



CONTRACT NO.: 10-204-200729

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Butler Thin
PROJECT NUMBER: 20-729-112-10
SUPERVISORY AREA: Pend Oreille Lake
PROJECT AREA: 148 Acres

PROJECT LOCATION:

The project area is located approximately 11 air miles south of Sandpoint, Idaho.

Legal Description:

Unit	Endowment	Subdivision	Section	Township	Range	Acres
1	NS	Pts. NWNW, Pts. S2NW	21	55N	2W	66
2	PS	Pts. NWSW	16	55N	2W	2
3	PS	Pts. E2SW	16	55N	2W	11
4	PS	Pts. NESW, Pts. NWSE	16	55N	2W	3
5	PS	Pts. SENE, Pts. N2SE	16	55N	2W	30
6	PS	Pts. NENE, Pts. S2NE	16	55N	2W	33
7	PS	Pts. NENE	16	55N	2W	3

TREATMENT TYPE:

The project area will be mechanically thinned with chainsaws by felling all surplus trees, over two (2) feet in height. Care will be taken not to damage selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. All contract work shall be completed by November 30, 2010. The contract will terminate on March 1, 2011. No payment will be made prior to July 1, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on the below listed payment units. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit</u>	<u>Acres</u>
1 (Thinning Unit 1)	66
2 (Thinning Units 2-7)	82

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop trees or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 10 foot by 10 foot spacing basis (average 436 trees per acre). Spacing may vary from 8-12 feet in order to select the most desirable trees. However, spacing control using the original guidelines will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
The acceptable range for trees per acre is 392 to 480 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of species preference, with the first being the most preferred.
 - a. western white pine (blister rust free)
 - b. western larch
 - c. western red cedar
 - d. ponderosa pine
 - e. Douglas-fir
 - f. grand fir
 - g. western hemlock
 - h. lodgepole pine
3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two feet (2') in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a twenty-five percent (25%) live crown

SPECIAL PROVISIONS:

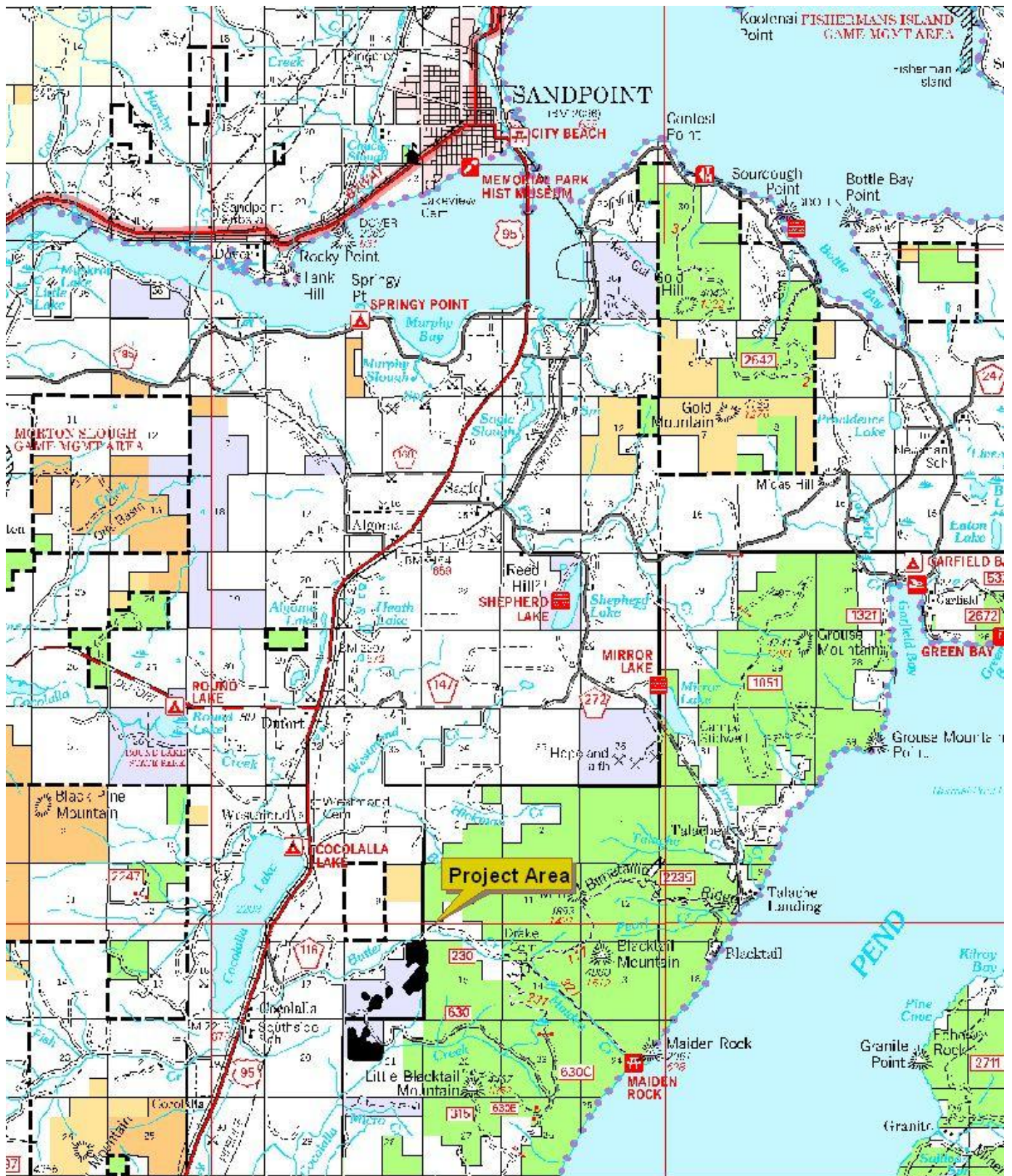
1. Conifer trees over six inches (6") DBH of good form and vigor and free of insects and disease will not be cut.
2. All hardwood species over five feet (5') in height or taller shall be cut as directed by the State (Contract Supervisor).

FURTHER INFORMATION:

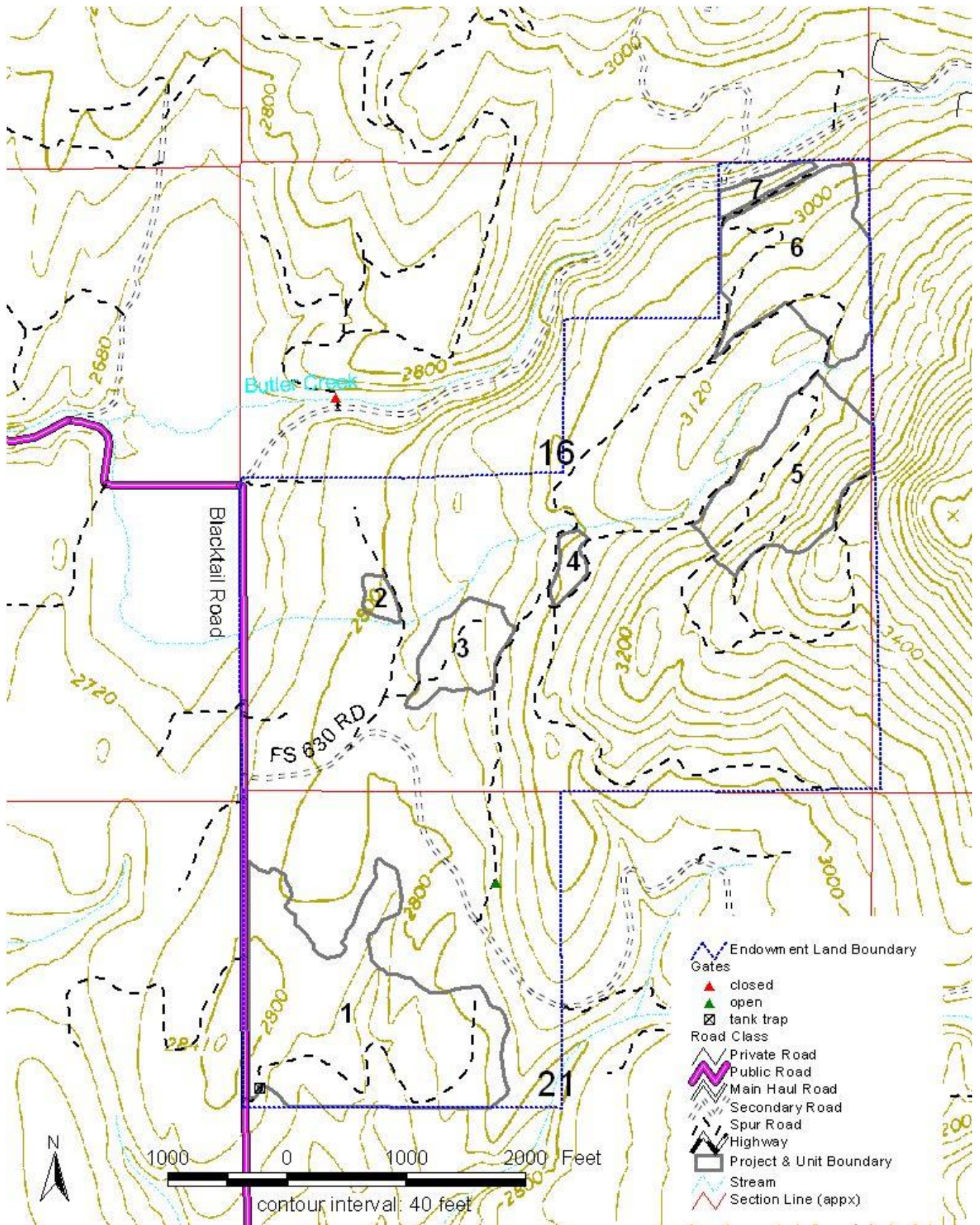
Further information will be available by contacting the following address:

Idaho Department of Lands
Pend Oreille Lake Supervisory Area
2550 Highway 2 West
Sandpoint, ID 83864
208-263-5104 (phone)
208-263-0724 (fax)
jgadress@idl.idaho.gov (email)

Contact: John Gadress



1 0 1 2 3 Miles



CONTRACT NO.: 10-204-200733

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Moose Run Thinning

PROJECT NUMBER: 20-733-112-10

SUPERVISORY AREA: Pend Oreille Lake

PROJECT AREA: 34 Acres

PROJECT LOCATION:

The project area is located approximately 11 air miles west of Sandpoint.

Legal Description:

Unit	Subdivision	Section	Township	Range	Acres
1	Pts. SWNE, Pts. NW	11	57N	4W	34

AREA HISTORY:

These units were logged with the Happy Blue timber sale (TS-2-2713) in 1991. Units were then planted in 1993.

TREATMENT TYPE:

The project area will be mechanically thinned with chainsaws by felling all surplus trees over two feet (2') in height. Care will be taken not to damage selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. All contract work shall be completed by December 1, 2010 and the contract shall terminate on January 1, 2011. No payment shall be made prior to July 1, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on the below listed payment unit. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit</u>	<u>Acres</u>
1 (All Units)	34

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop trees or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 10 foot by 10 foot spacing basis (average 435 trees per acre). Spacing may vary from 8-16 feet in order to select the most desirable trees. However, spacing control using the original guidelines will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 392 to 480 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.

- a. western white pine (blister rust free)
- b. western larch
- c. western redcedar
- d. ponderosa pine
- e. Douglas-fir
- f. grand fir
- g. Western hemlock
- h. lodgepole pine

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two feet (2') in height and taller. Living culls are further defined as:

- a. conks present
- b. white pine blister rust present
- c. western gall rust on the stem of the tree
- d. dead or "spike" top
- e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb.
- f. "dry" or dead sides
- g. trees of poor form and having less than a twenty-five percent (25%) live crown.

SPECIAL PROVISIONS:

1. Trees over six inches (6") DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All hardwood species over six feet (6') in height or taller and within 6 feet (6') of a reserve tree shall be cut as directed by the State (Contract Supervisor).

FURTHER INFORMATION:

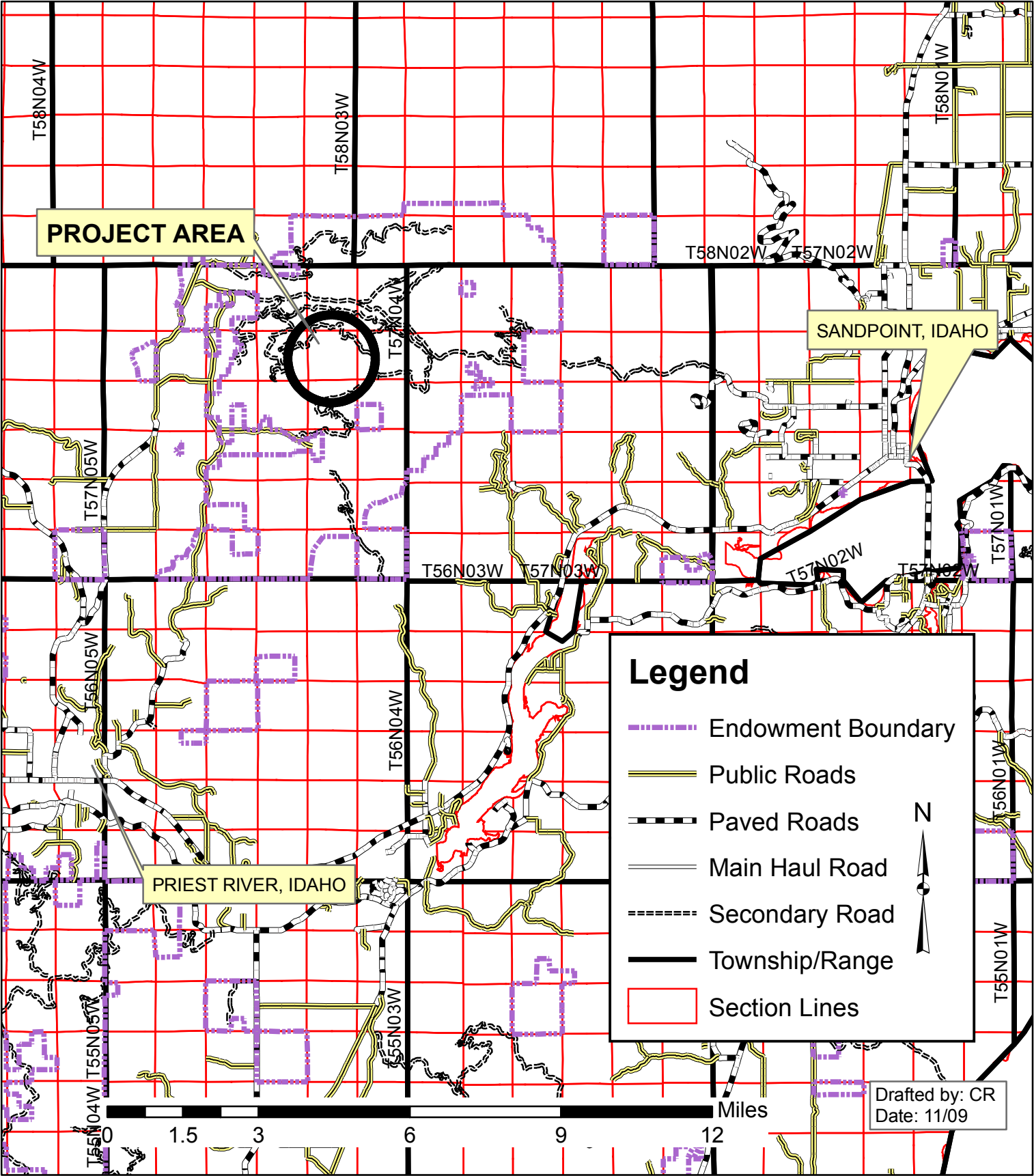
Further information will be available by contacting the following address:

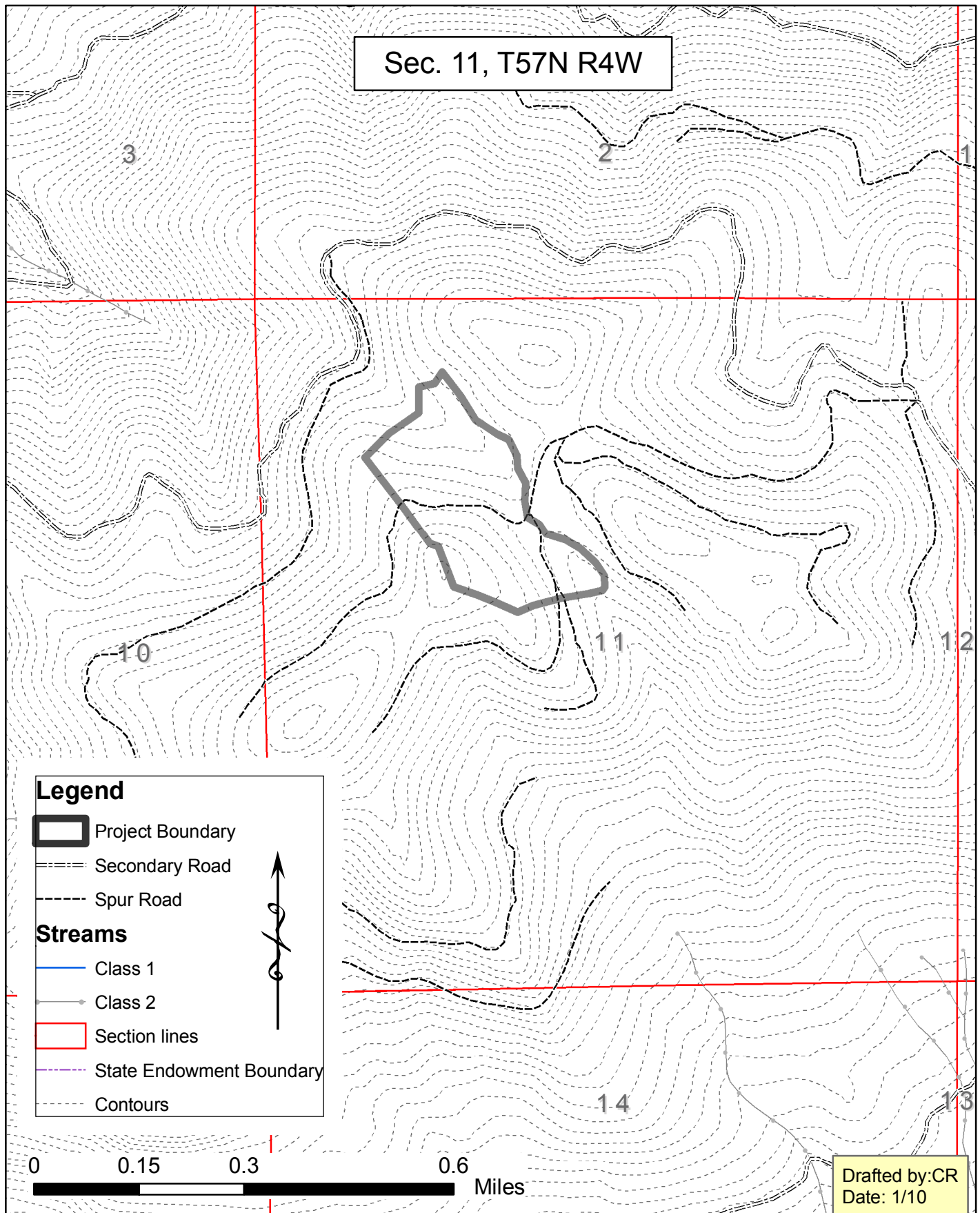
Idaho Department of Lands
Pend Oreille Lake Supervisory Area
2550 Highway 2 West
Sandpoint, ID 83864

208-263-5104 (phone)
208-263-0724 (fax)
cramsay@idl.idaho.gov (email)

Contact: Chad Ramsay

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CONTRACT NO.: 10-204-200735**PRECOMMERCIAL THINNING****PROJECT DESCRIPTION**

PROJECT NAME: 2010 Hoodoo Thin

PROJECT NUMBER: 20-735-112-10

SUPERVISORY AREA: Pend Oreille Lake

PROJECT AREA: 181 Acres

PROJECT LOCATION:

The project area is located approximately 3 to 10 air miles south of Priest River, Idaho.

Legal Description:

Unit	Endowment	Subdivision	Section	Township	Range	Acres
B 2	PS	Pts. NWNW	16	54N	5W	12
C 1	PS	Pts. NESW, Pts. N2SE, Pts. SESE	16	55N	4W	118
FG 1	NS	Pts. SE	6	55N	4W	51

TREATMENT TYPE:

The project area will be mechanically thinned with chainsaws by felling all surplus trees, over two (2) feet in height. Care will be taken not to damage selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. All contract work shall be completed by November 30, 2010. The contract will terminate on March 1, 2011.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on the below listed payment unit. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit</u>	<u>Acres</u>
1 (Units B 2 and C 1)	130
2 (Units FG 1)	51

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop trees or leave trees are to be dominant or co-dominant lodgepole pine selected by the contractor on a 7 foot by 7 foot spacing basis (average 889 trees per acre) and/or dominant or co-dominant other conifer species on a 10 foot by 10 foot spacing basis (average 436 trees per acre). Spacing may vary from 6-12 feet in order to select the most desirable trees; however, spacing control using the original guidelines will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.

	<u>SPECIES</u>	<u>SPACING</u>
a.	western white pine	10 x 10 feet
b.	western larch	10 x 10 feet
c.	ponderosa pine	10 x 10 feet
d.	Douglas-fir	10 x 10 feet
e.	lodgepole pine	7 x 7 feet
f.	grand fir	10 x 10 feet
g.	western hemlock	10 x 10 feet
h.	Engelmann spruce	10 x 10 feet

Leave trees per acre shall be determined as a ratio on the amount of lodgepole found in the plot. If the inspection plot is 100% lodgepole pine 889 trees shall be left. If no lodgepole pine are found in the plot, 436 tree per acre shall be left. The Contract Supervisor shall determine the satisfactory trees per acre ratio on mixed conifer and lodgepole pine plots.

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two feet (2') in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a twenty-five percent (25%) live crown
4. Thinning may only be accomplished during the following schedule.

Unit B 2	No timing restrictions
Unit C 1	No thinning January 1 to April 30
Unit FG 1	No thinning January 1 to September 30

SPECIAL PROVISIONS:

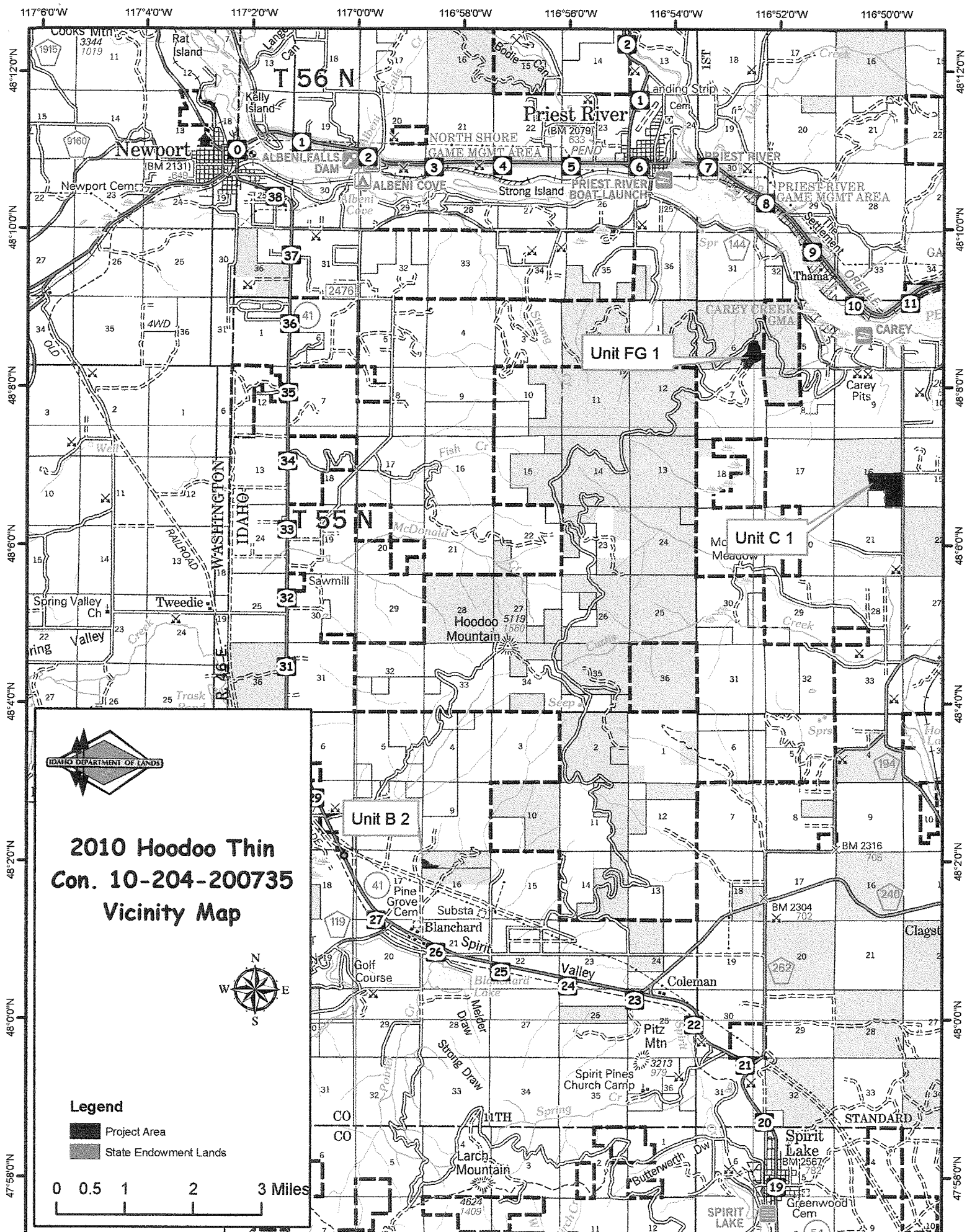
1. Conifer trees over six inches (6") DBH and free of insects and disease will not be cut.
2. All hardwood species over five feet (5') in height or taller shall be cut as directed by the State (Contract Supervisor).

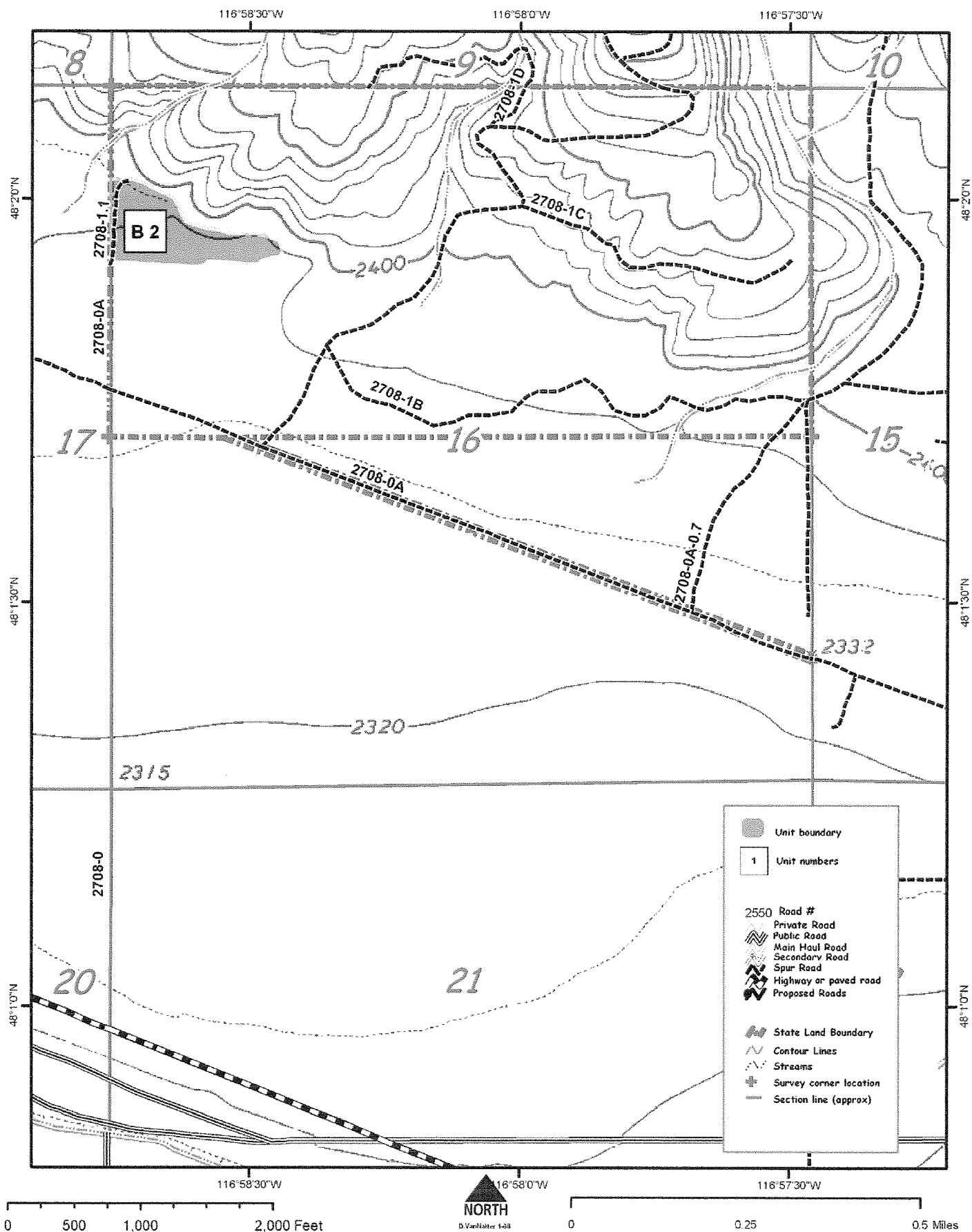
FURTHER INFORMATION:

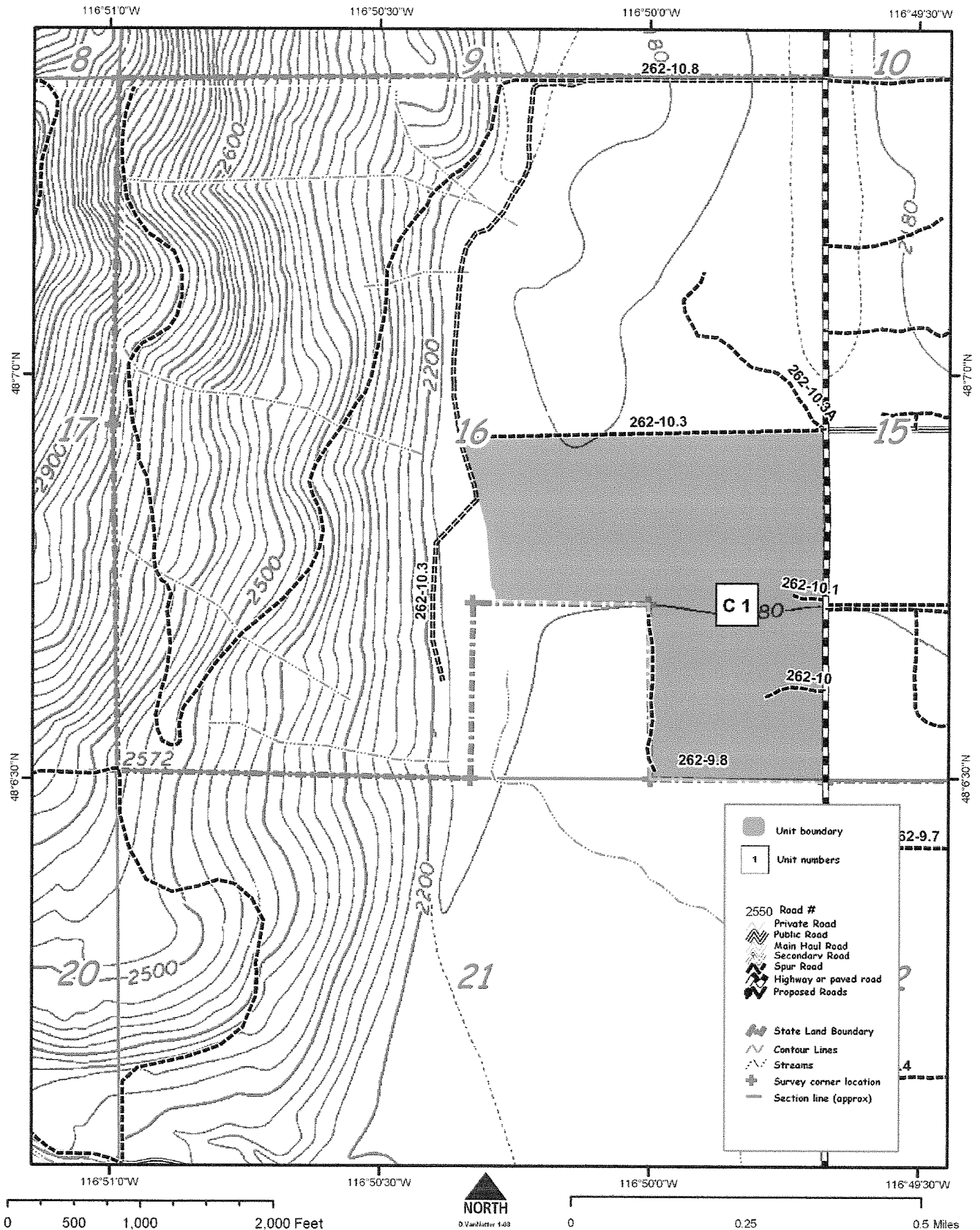
Further information will be available by contacting the following address:

Idaho Department of Lands
Pend Oreille Lake Supervisory Area
2550 Highway 2 West
Sandpoint, ID 83864
208-263-5104 (phone)
208-263-0724 (fax)
dvannatter@idl.idaho.gov (email)

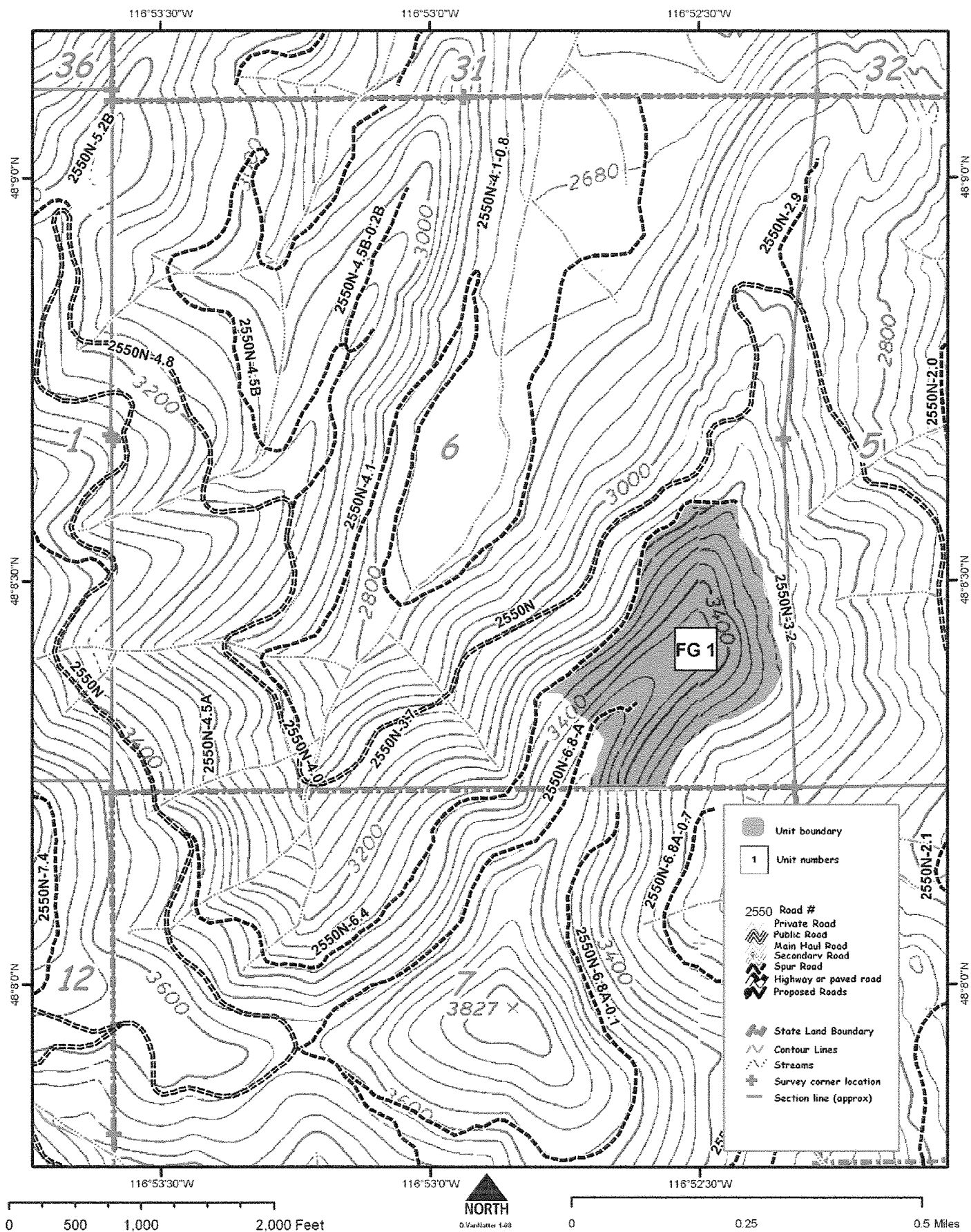
Contact: Dave Van Natter







Pts. Sec. 6, T55N, R4W, B.M.



**CONTRACT NO. 10-204-210088
PRECOMMERCIAL THINNING CONTRACT
PROJECT DESCRIPTION**

PROJECT NAME: Kootenai Orchard PCT
PROJECT NUMBER: 21-088-112-10
SUPERVISORY AREA: Kootenai Valley Supervisory Area
PROJECT AREA: 240 Acres
PROJECT LOCATION:

The project area lies approximately four (4) air miles west of Naples, Idaho.

Legal Description:

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. W2SW	9	60N	1W	19
Pts. W2	16	60N	1W	97
Pts. NENE	17	60N	1W	8
Pts. SE	8	60N	1W	93
Pts. S2NE	8	60N	1W	23
Total				<hr/> 240

TREATMENT TYPE:

The project area will be mechanically thinned with chainsaws to an 11 foot by 11 foot spacing (360 trees/acre) by felling all surplus trees over two feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the contract supervisor. All field work will be completed by October 31, 2010. This contract shall terminate on November 30, 2010.

CONTRACT PAYMENT:

Payment will be made upon satisfactory completion of all contract requirements in the following payment units after July 1, 2010:

Payment Unit 1: Thinning Unit 1 46 acres

Payment Unit 2: Thinning Unit 2 95 acres

Payment Unit 3: Thinning Unit 3 99 acres

Payment will be made at the rate set forth in the Schedule A attached hereto.

HAZARD PLAN:

All roads within the project area and all roads and skid trails around the perimeter will be kept free of thinning slash from the top of the cut slope to ten (10) feet below the shoulder. Ditchlines will be kept clean at all times. The thinning debris may either be pulled back into the units or hand piled in piles of sufficient size to allow burning. Piles shall be at least ten (10) feet from any live green trees.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 11 foot by 11 foot spacing basis (average 360 trees per acre). Spacing may vary up to two feet in order to select the most desirable trees.
2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. blister rust free western white pine
 - b. western larch
 - c. Douglas-fir
 - d. western redcedar
 - e. ponderosa pine
 - f. grand fir
 - g. western hemlock
 - h. Engelmann spruce
 - i. lodgepole pine
3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust cankers present
 - c. dead or spike top
 - d. trees in which the top has died back and the terminal growth assumed by another limb
 - e. dry or dead sides
 - f. trees of poor form and having less than a twenty five percent (25%) live crown
4. Trees over six (6) inches DBH, free of insects and disease and with good form will not be cut, as directed by the contract supervisor.
5. All hardwood species within eight (8) feet of a conifer crop tree that are within three (3) feet of overtopping a crop tree will be cut.
6. Thinning material deposited in any live stream will be removed and placed at least five (5) feet away from the high water mark.

FURTHER INFORMATION:

Information will be available by contacting the following address:

Idaho Department of Lands
Kootenai Valley Forest Protective District
6327 Main Street
Bonners Ferry, Id 83805
(208) 267-5577
Area Contact: Jim Kibler, Lands Resource Specialist, Senior

Vicinity Map

Project Area

Naples

Legend

Road Type

- Highway
- County Paved
- County Gravel
- Secondary
- Spur

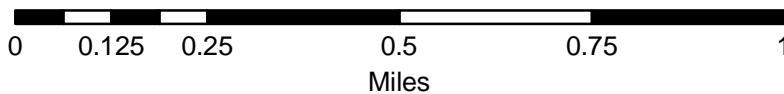
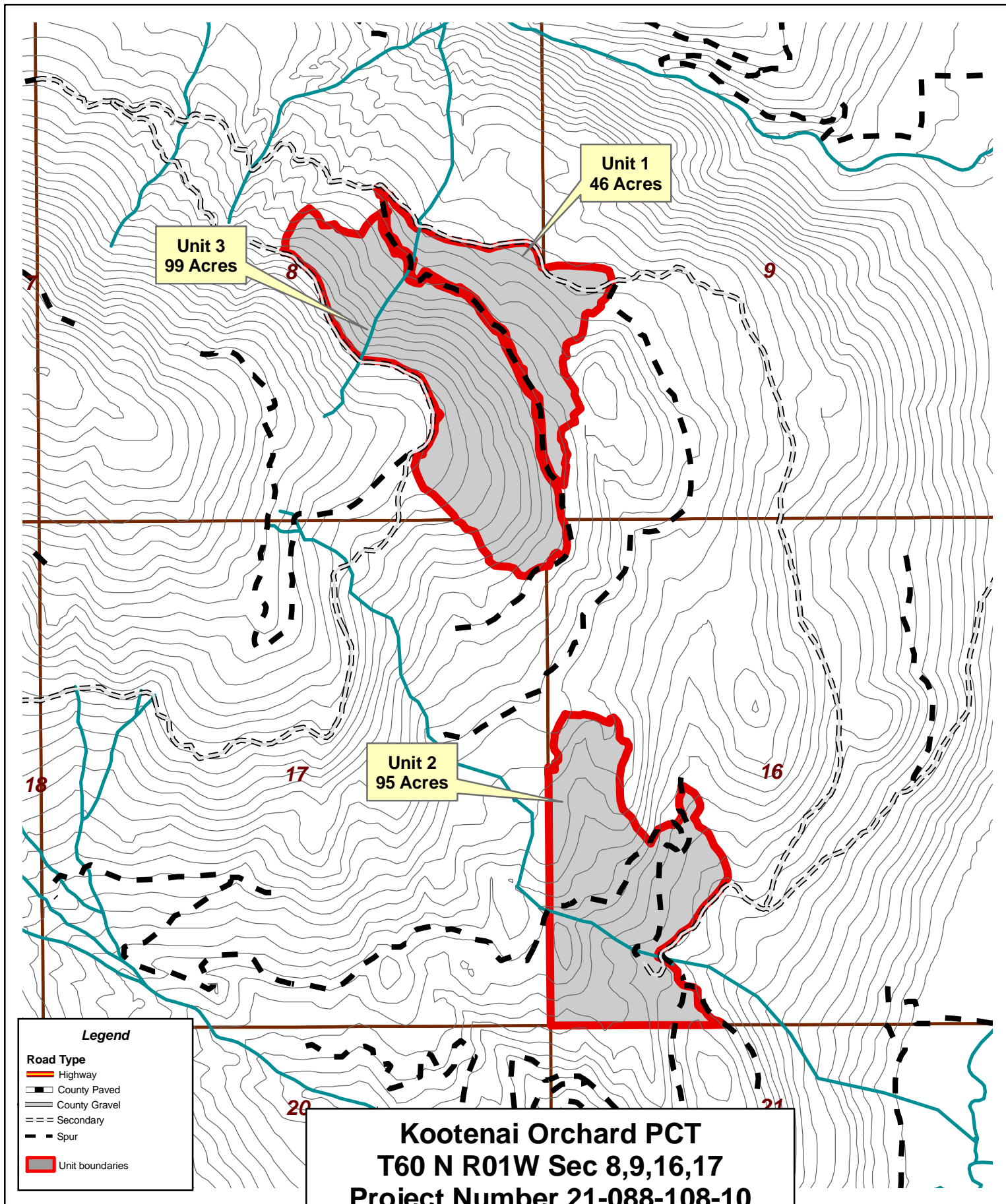
Unit boundaries

- Private
- BLM
- DEPT. OF F. & G.
- DEPT. OF F. & G./Forst Cap
- DEPT. OF MILITARY
- DEPT. OF TRANSPOR.
- Idaho Dept of Lands
- National Wildlife Refuge
- Patriot Investments LLC
- Stimson Lumber Company
- USFS

Kootenai Orchard PCT
T60 N R01W Sec 8,9,16,17
Project Number 21-088-108-10
Contract Number 10-204-210088

0 0.25 0.5 1 1.5 2
Miles





Contract No. 10-204-210090

PROJECT DESCRIPTION

PROJECT NAME: Fall High Green Cull

PROJECT NUMBER: 21-090-108-10

SUPERVISORY AREA: Kootenai Valley

PROJECT AREA: 84 acres

LEGAL DESCRIPTION:

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. Gov't Lots 3,4	4	60N	1W	20
Pts. SWNW	4	60N	1W	1
Pts. Gov't Lots 3,4	5	60N	1W	29
Pts. S2NW	5	60N	1W	6
Pts. S2	32	61N	1W	28
TOTAL				84

LOCATION:

The project area is located approximately four (4) miles west of Naples, Idaho.

AREA HISTORY:

The project area was heavily logged in 1987-89 and again in 2004. This resulted in a highly variable stand with large openings and undesirable regeneration.

BOUNDARIES:

Project boundaries are marked with three stripes of blue paint.

TREATMENT TYPE:

Green cull trees under 10" DBH will be cut.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

CUT TREE SPECIFICATIONS:

- A. No coniferous trees in Unit 1 will be felled. All hardwoods will be felled using mechanical methods.
- B. In Units 2, and Unit 3 living coniferous trees less than 10" DBH will be felled using mechanical methods. In Unit 3 all trees over 5 feet in height will be felled by mechanical methods except Douglas-fir, mistletoe free western larch, and blister rust free white pine. Stems greater than 16 feet in length will be bucked in half.
- C. Trees to be felled will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees 2 feet in height and taller in Unit 2, and trees 5 feet in height and taller in Unit 3. Living culls are further defined as:
 1. Conks present.
 2. White pine blister rust cankers present.
 3. Trees with dwarf mistletoe present.
 4. Dead or spike top.

5. Trees in which the top has died back and the terminal growth assumed by another limb.
 6. Dry or dead sides.
 7. Trees of poor form and having less than a twenty five percent live crown.
- D. Slashed material deposited in any live stream will be removed and placed at least five feet away from the high water mark.

CONTRACT PERIOD:

Work may commence once the contractor has received a signed copy of the contract, and has had a prework conference with the contract supervisor. The contract will terminate on October 29, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of all contract requirements concerning this project on a per acre basis according to the attached schedule "A". Payment will not be made until after July 1, 2010.

HAZARD PLAN:

All roads within the project area and all roads around the perimeter will be kept free of slash from the top of the cut slope to 10 feet below the shoulder. Ditch lines will be kept clean at all times. The slash will be pulled back into the unit.

INFORMATION:

Further information may be obtained by contacting:

IDAHO DEPT OF LANDS
Kootenai Valley Forest Protective District
6327 Main Street
Bonners Ferry, Idaho 83805
Phone: 208-267-5577
Fax: 208-267-8301
Area Contact: Jim Kibler, Resource Specialist Senior

Vicinity Map

Project Area

Naples

Highway 95

Legend

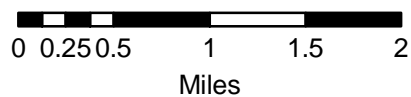
Road Type

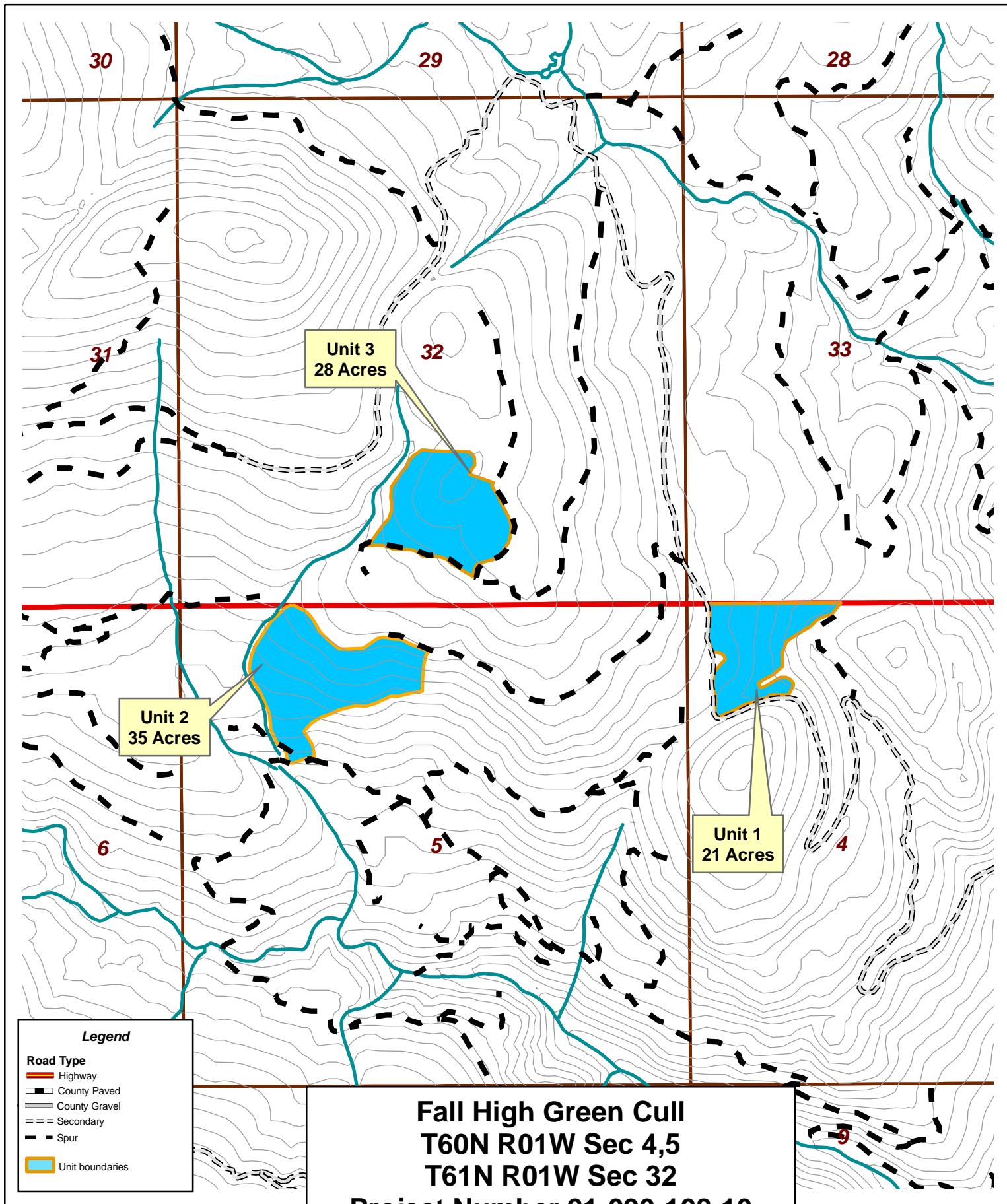
- Highway
- County Paved
- County Gravel
- Secondary
- Spur

Unit boundaries

- Private
- BLM
- DEPT. OF F. & G.
- DEPT. OF F. & G./Forst Cap
- DEPT. OF MILITARY
- DEPT. OF TRANSPOR.
- Idaho Dept of Lands
- National Wildlife Refuge
- Patriot Investments LLC
- Stimson Lumber Company
- USFS

Fall High Green Cull
T60N R01W Sec 4,5
T61N R01W Sec 32
Project Number 21-090-108-10
Contract Number 10-204-210090





**CONTRACT NO. 10-204-300579
PRECOMMERCIAL THINNING
PROJECT DESCRIPTION**

SUPERVISORY AREA: St. Joe Area

PROJECT NUMBER: FM #30-579-112-10

PROJECT NAME: St. Joe Town Thin & Prune 2010

PROJECT LOCATION: Units 1-3 are located approximately 2 air miles northeast of Clarkia, Idaho. Units 4 and 5 are located approximately 4 air miles southeast of Calder, Idaho. Unit 6 is located approximately 3 air miles southwest of Fernwood, Idaho. Project and vicinity maps are attached.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Pts. NESE	9	43N	1W
Pts. SENE, Pts. N2S2	10	43N	1W
Pts. S2NW, Pts. NWSW	28	43N	2E
Pts. E2SW, Pts. W2SE	33	43N	2E
Pts. SESW, Pts. W2SE	24	45N	2E
Pts. SENE, Pts. E2SE	26	45N	2E

CONTRACT PAYMENT/PROJECT ACREAGE:

All acres are measured on the net horizontal.

Contract payment will be made on the basis of satisfactory completion of the contract requirements on all of the below listed payment units. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

PAYMENT UNIT NO.	PROJECT UNIT NO.	NET ACRES
1	1	87
	2	<u>49</u>
TOTAL PAYMENT ACRES:		136
2	3	<u>60</u>
TOTAL PAYMENT ACRES:		60
3	4	30
	5	<u>37</u>
TOTAL PAYMENT ACRES:		67
4	6	<u>41</u>
TOTAL PAYMENT ACRES:		41
PROJECT TOTAL ACRES:		304

ACCESS:

Primary access is provided by all-season rocked roads. Other limited access is available through gated unsurfaced roads. Some of these roads are cross-ditched to minimize erosion and may not be negotiable without removing the cross-ditches. The Contractor will be required to restore any road closures or cross-ditches if any were removed, prior to contract cancellation.

TREATMENT TYPE:

Units 1, 2, 4, 5, and 6 will be mechanically thinned with chain saws by felling all surplus trees over three feet (3') in height. All selected western white pine crop trees will be pruned in Units 3, 4, 5, and 6. Unit 3 will only be pruned.

Cutting a blister rust free western white pine and leaving a tree of another species as the crop tree will be considered as a contract violation and can result in contract termination and forfeiture of the Contractor's bond. Blister rust free western white pine will not be included in the crop tree spacing.

CONTRACT PERIOD:

Contract work may commence after the Contractor has received a signed copy of the contract and has had a prework conference with the Contract Supervisor. This contract shall terminate on October 31, 2010.

HAZARD PLAN:

All roads and skid trails on the perimeter and roads within the contract area will be kept free of thinning slash. All felled material protruding over cut banks or onto road or skid trail right-of-ways will be removed as directed by the Contract Supervisor. Work will be kept current as thinning progresses.

PROJECT BOUNDARY:

The project boundary and unit boundaries (where applicable) have been identified on the attached maps. They are further delineated on the ground by blue flagging and paint. Marked boundary lines, cut lines, ridges, and existing roads serve as boundaries.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor based on spacing requirements in the table below. Spacing may vary up to 35 percent in order to select the most desirable trees. Spacing guidelines will however be maintained where possible.

UNIT NO.	SPACING (FT.)	AVERAGE TREES/ACRE	SPACING RANGE (FT.)	ACCEPTABLE RANGE FOR TREES/ACRE
1	11x11	360	7.15 – 14.85	320 – 400
2	11x11	360	7.15 – 14.85	320 – 400
3*	NA			
4	14x14	222	9.1 – 18.9	120 – 260
5	12x12	303	7.8 – 16.2	260 – 340
6	11x11	360	7.15 – 14.85	320 - 400

* Unit 3 will only be pruned.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western white pine (free from lethal blister rust cankers)
 - b. western larch
 - c. Douglas-fir
 - d. western redcedar
 - e. Engelmann spruce
 - f. grand fir
 - g. lodgepole pine
 - h. western hemlock
3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees three (3) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. lethal blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth was assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a twenty-five percent (25%) live crown
4. Lethal white pine blister rust cankers are defined as bole cankers and/or branch cankers closer than six inches (6") to the main stem.
5. Pruning Specifications:
 - a. All western white pine trees (free from lethal blister rust cankers) in Units 3, 4, 5, and 6 will be pruned to a height of five feet (5') or no more than one-half of the total tree height. Pruning shall be done with either a pruning saw and/or pruning shears. Pruning with chain saws or clubs will not be allowed. Tools and equipment (such as a "Tree Monkey" and climbing spurs) that cause bole damage will not be used. Care will be taken not to damage the selected crop

trees. On sloping ground, height is measured from the higher point on the ground (uphill side of the tree).

- b. All live and dead limbs shall be completely severed from the tree as close to the bole as possible without cutting into the branch collar. Leaving approximately one-quarter inch (1/4") of the branch beyond the branch collar (see Exhibit A) is acceptable. All live and dead limbs must be severed so as to leave a flat cut surface.
- c. All needles and needle fascicles must be removed from the bole surface without damage to the bark.
- d. The Contractor will be required to prune all acceptable western white pine trees as thinning progresses through each unit.

SPECIAL PROVISIONS:

- 1. Trees over six inches (6") DBH and free of insects and disease will not be cut, unless otherwise directed by the Contract Supervisor.
- 2. All trees six inches (6") DBH and greater which are culls, as determined by the Contract Supervisor, will be girdled, not felled.
- 3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho Forest Practices Act.
- 4. The Contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The Contractor will furnish a lock to provide access during these closure periods. The Contractor will be responsible for any and all damage caused by said gates being left open by the Contractor or the Contractor's employees, subcontractors, agents or guests.
- 5. The Contractor shall be responsible for repairing damage incurred to access roads as a result of the Contractor's activities, as directed by the Contract Supervisor.

INFORMATION:

Further information is available by contacting the Contract Supervisor for the appropriate unit listed below:

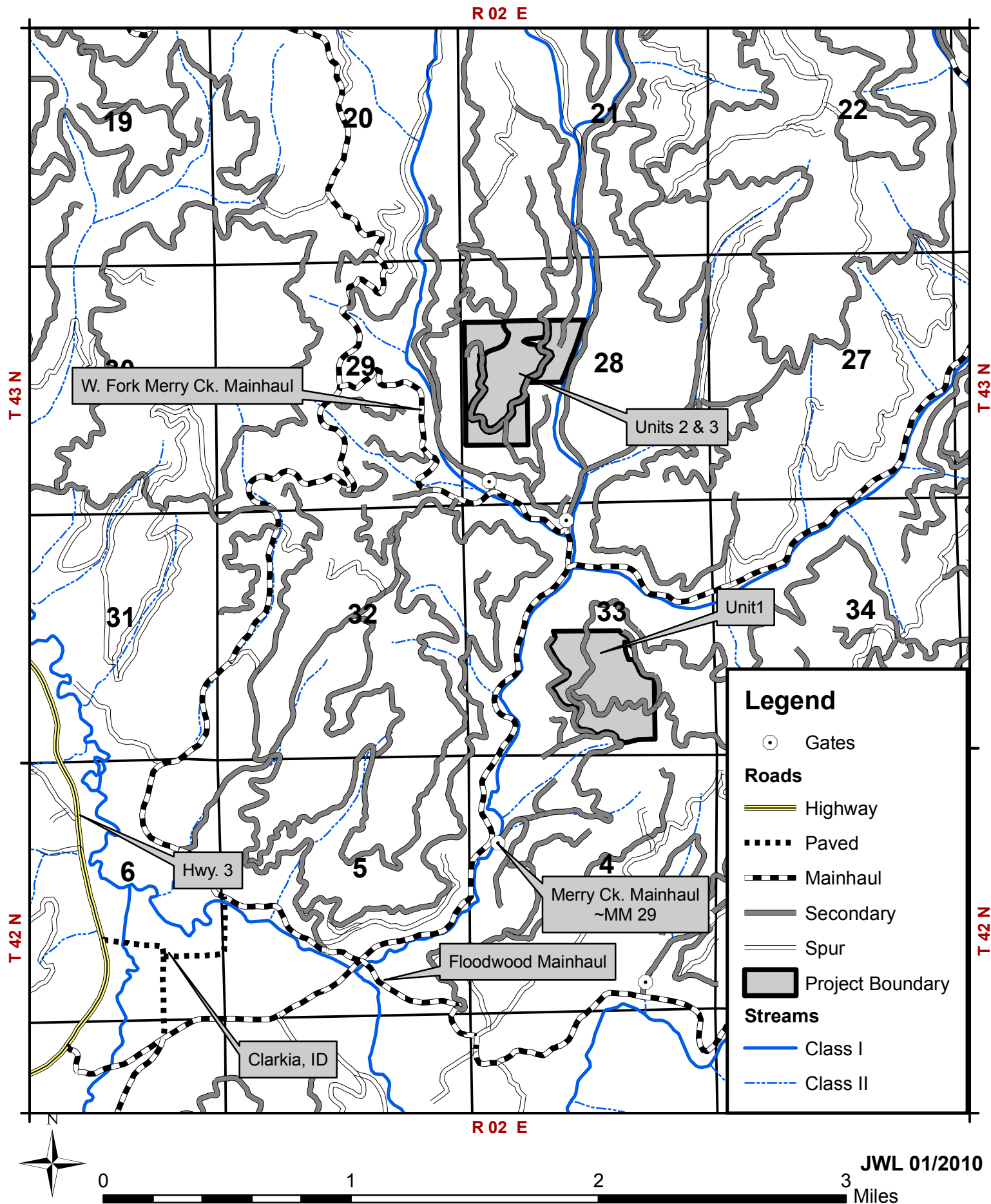
Project Units 1-3: Rick Arcano
Idaho Department of Lands
1806 Main Avenue
St. Maries, ID 83861
(208) 245-4551

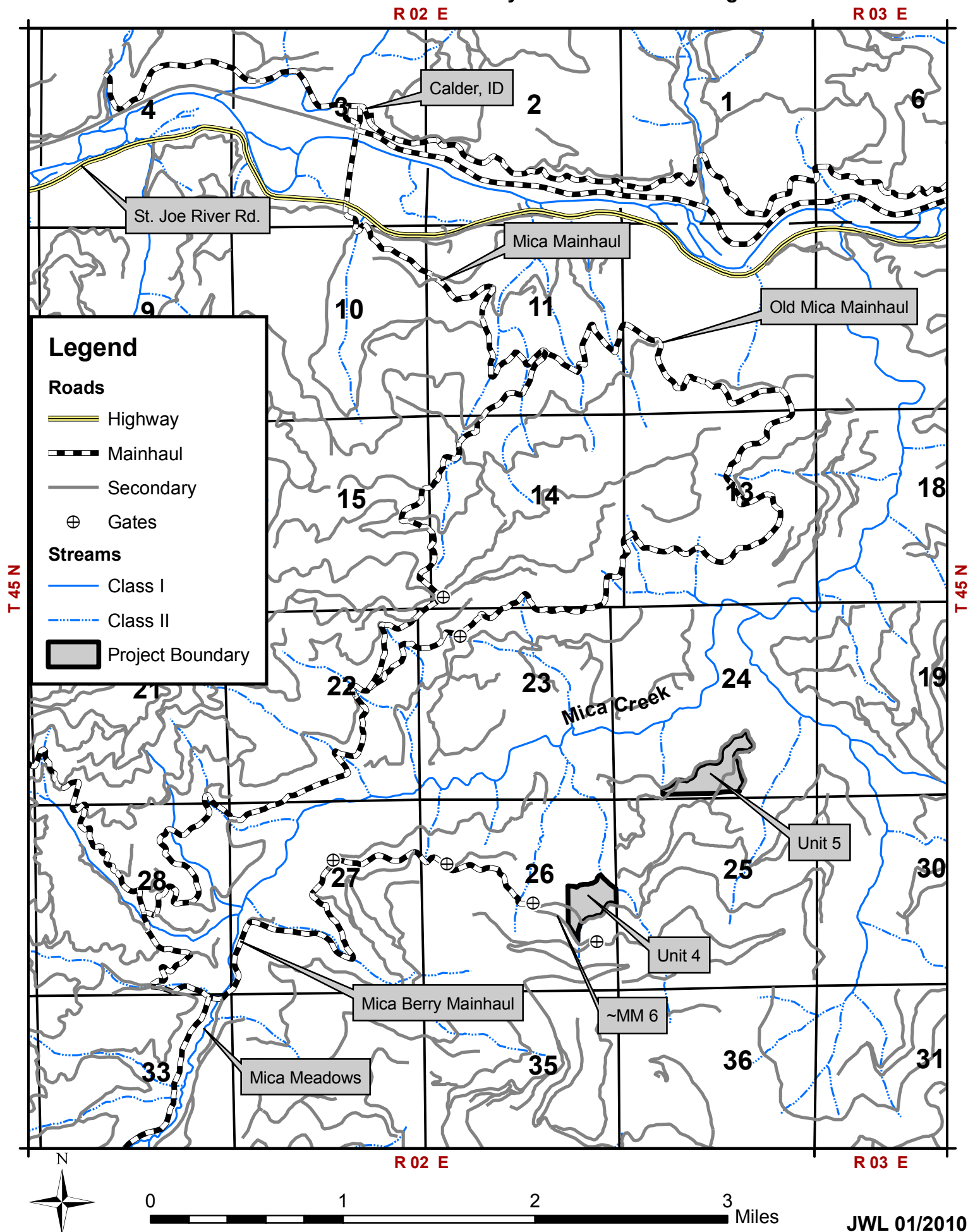
Project Units 4 & 5: Wayne Lynn*
Idaho Department of Lands
1806 Main Avenue
St. Maries, ID 83861
(208) 245-4551

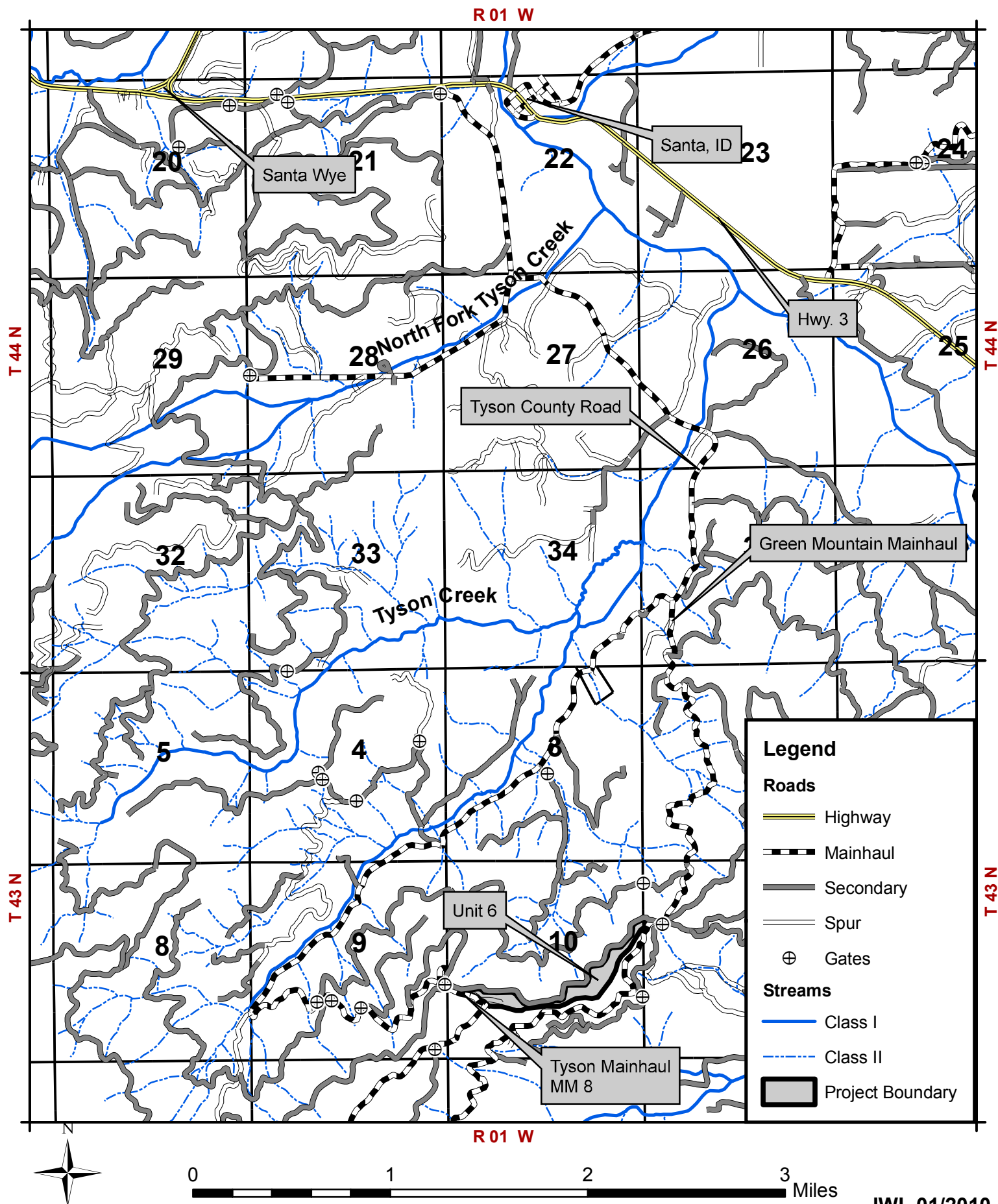
Project Unit 6: Marianne Besaw
Idaho Department of Lands
1806 Main Avenue
St. Maries, ID 83861
(208) 245-4551

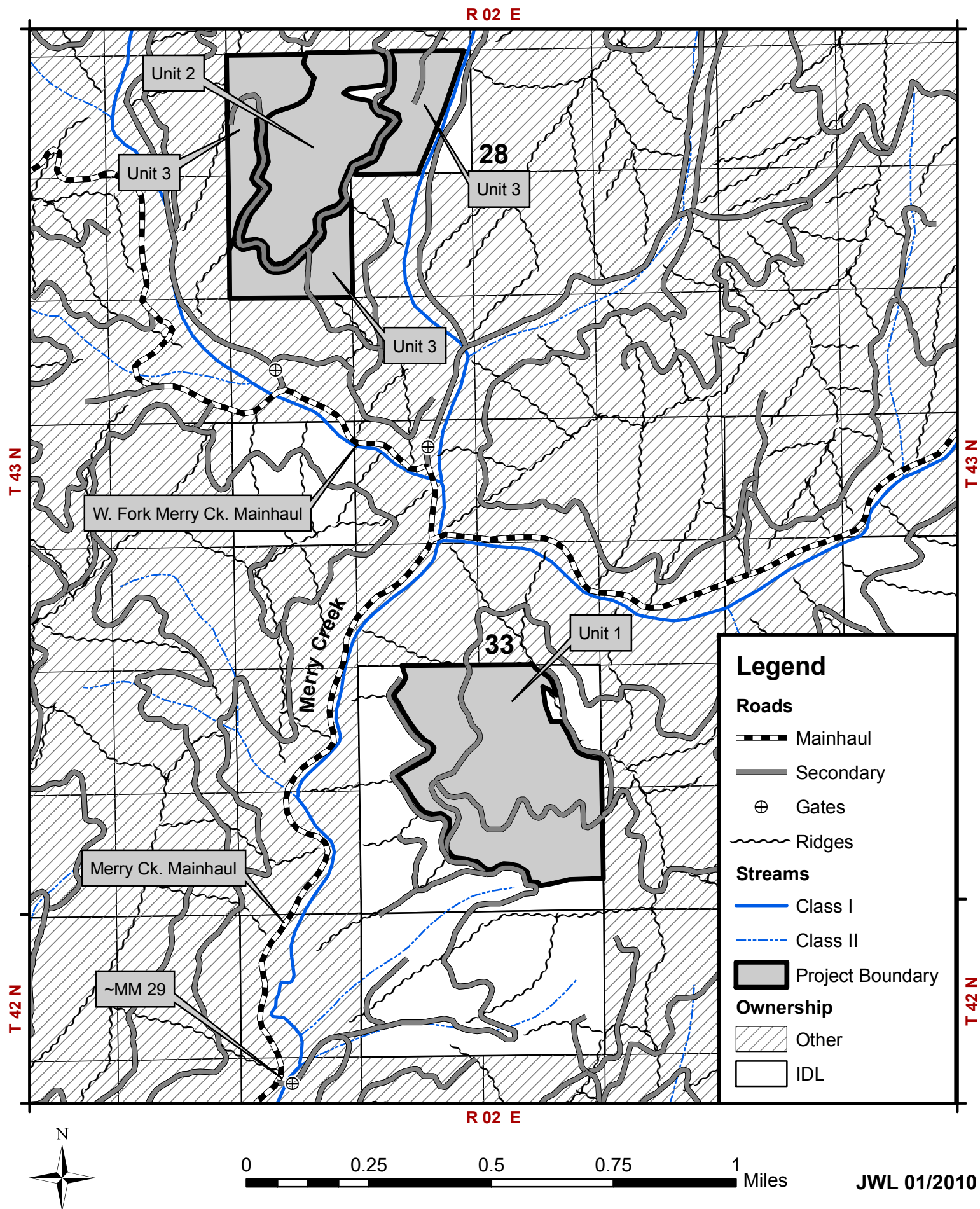
*Project Coordinator

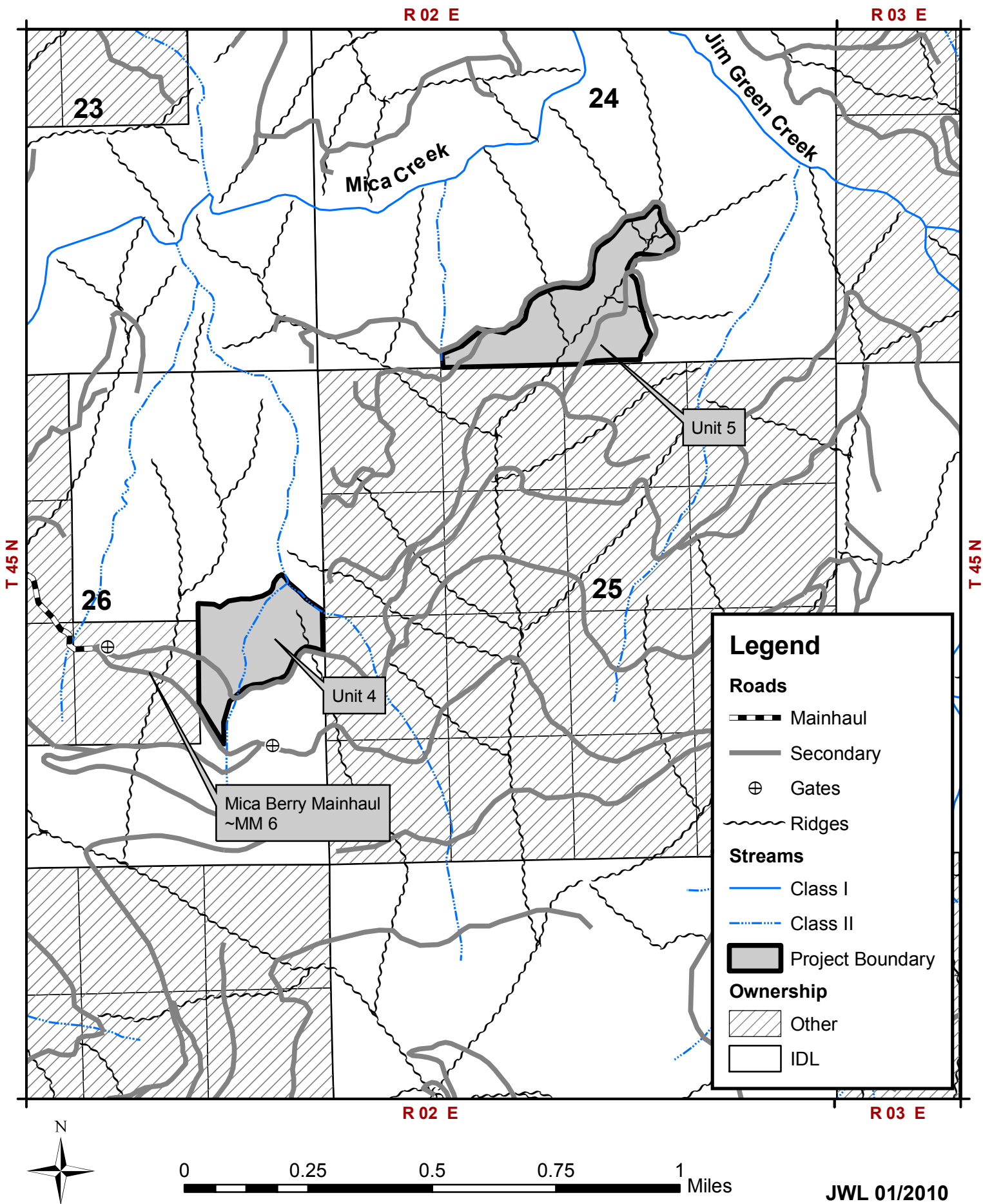
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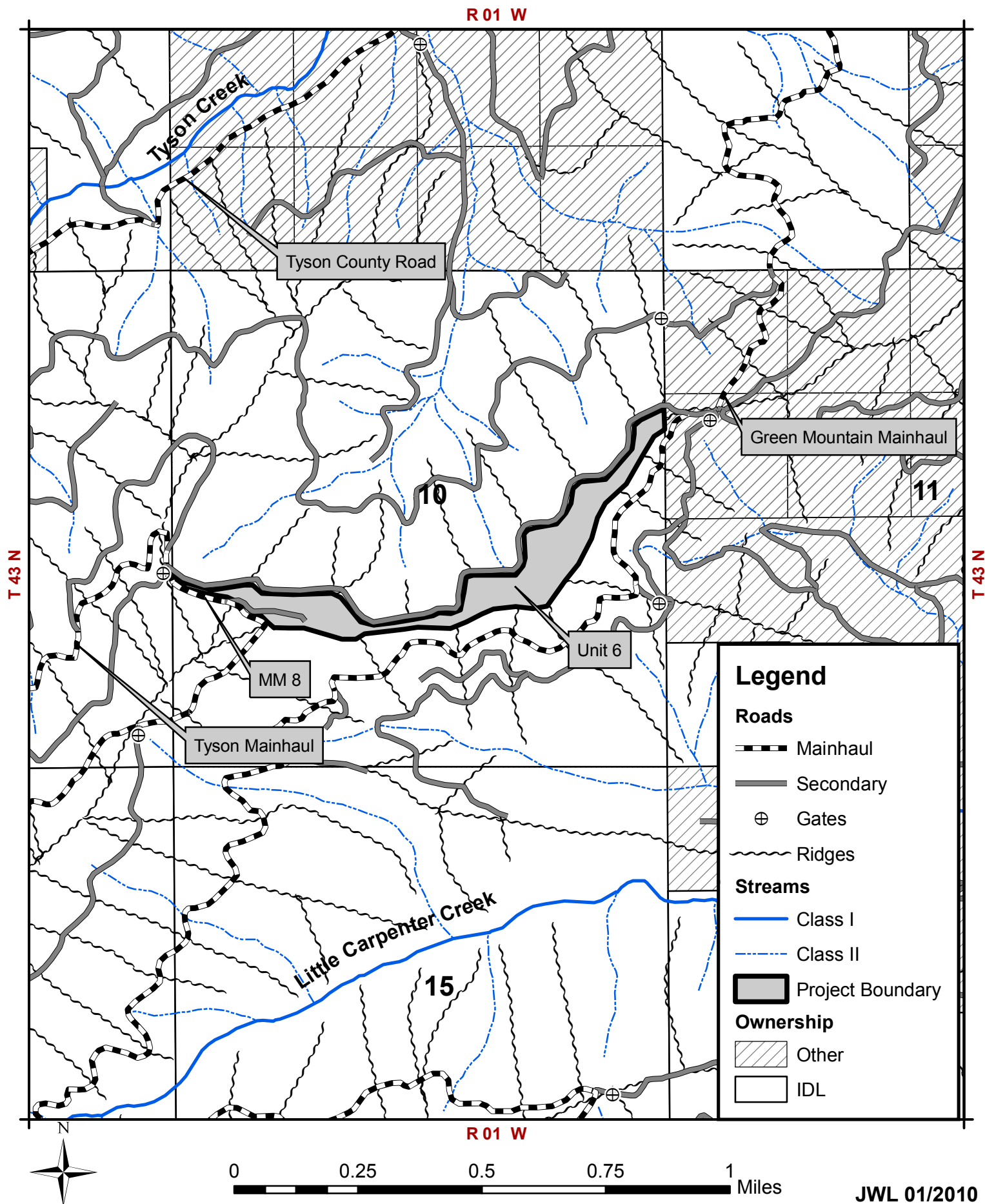












**CONTRACT NO. 10-204-300580
PRECOMMERCIAL THINNING
PROJECT DESCRIPTION**

SUPERVISORY AREA: St. Joe Area

PROJECT NUMBER: FM #30-580-112-10

PROJECT NAME: 2010 Floodwood Thin and Prune

PROJECT ACRES: 919

PROJECT LOCATION: The project area is located approximately 20 air miles southeast of Clarkia, Idaho. Project and vicinity maps are attached.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Pts. Lot 3, Pts. S2NW	4	41N	4E
Pts. N2SW, Pts. SESW	4	41N	4E
Pts. S2N2, Pts. SW	26	41N	4E
Pts. NESE, Pts. W2SE	26	41N	4E
Pts. E2E2NE, Pts. NESE	34	41N	4E
Pts. NENW, Pts. W2W2NW	35	41N	4E
Pts. W2SW, Pts. SESW	35	41N	4E
Pts. SWNW	4	41N	5E
Pts. Lots 1, 2, Pts. S2NE, Pts. Lots 3, 4	5	41N	5E
Pts. S2NW, Pts. N2SW	5	41N	5E
Pts. Lots 1, 2, Pts. S2NE, Pts. Lot 3	6	41N	5E
Pts. SENW, Pts. NESW, Pts. NESE	6	41N	5E
Pts. SWNE, Pts. SENW	30	42N	5E
Pts. E2SW, Pts. W2SE, Pts. SESE	30	42N	5E
Pts. NE, Pts. E2NW	31	42N	5E
Pts. SESW, Pts. SE	31	42N	5E
Pts. W2NW	32	42N	5E

CONTRACT PAYMENT/PROJECT ACREAGE:

All acres are measured on the net horizontal. The acreage by unit is described below.

Contract payment will be made on the basis of satisfactory completion of the contract requirements on all of the below listed units. Payment will be made at the contract rate(s).

<u>Payment Unit No.</u>	<u>Project Unit No.</u>	<u>Net Acres</u>
1	1	143
	2	58
	3	63
Total Payment Acres:		264
2	4A	60
	4B	250
Total Payment Acres:		310
3	4C	120
	4D	160
	4E	65
Total Payment Acres:		345
TOTAL PROJECT ACRES:		919

ACCESS:

Primary access is provided by all-season rocked roads. Other limited access is available through gated logging roads. Some of these roads are cross-ditched to minimize erosion and may not be negotiable without a four wheel drive vehicle or removing the cross-ditches. Any road opened into the thinning area during this thinning operation will be required to again be "closed off" prior to cancellation of the contract.

TREATMENT TYPE:

The units will be mechanically thinned with chain saws by felling all surplus trees over three feet (3') in height. All selected western white pine crop trees will be pruned in Units 3 and 4. When choosing a leave tree using the spacing guidelines, cutting a blister rust free western white pine, and leaving a tree of another species as the crop tree, will be considered as not complying with the contract terms and can be grounds for terminating the contract and forfeiture of the Contractor's bond.

CONTRACT PERIOD:

Contract work may commence after the Contractor has received a signed copy of the contract and has had a prework conference with the Contract Supervisor. This contract shall terminate on October 31, 2010.

HAZARD PLAN:

All roads and skid trails on the perimeter and roads within the contract area will be kept free of thinning slash. All felled material protruding over cut banks or onto road or skid trail right-of-ways will be removed as directed by the Contract Supervisor. All cut stems within one (1) chain of the mainhaul roads will be bucked to not exceed four (4) feet in length. A total of approximately 42 acres will be treated. Work will be kept current as thinning progresses.

PROJECT BOUNDARY:

The project boundary and unit boundaries (where applicable) have been marked on the attached map. They are further delineated on the ground by blue flagging and paint. Existing roads and skid trails serve as boundaries.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on a 12-foot by 12-foot spacing basis in Units 1 and 2 (average 303 trees/acre) and 11-foot by 11-foot spacing basis in Units 3 and 4 (average 360 trees/acre). Spacing may vary up to 35 percent (7.8 to 16.2 feet in Units 1 and 2, and 7.15 to 14.85 feet in Units 3 and 4) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 273 to 333 trees per acre in Units 1 and 2, and 324 to 396 trees per acre in Units 3 and 4.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western white pine (free from lethal blister rust cankers)
 - b. western larch
 - c. western redcedar
 - d. Douglas-fir
 - e. Engelmann spruce
 - f. grand fir
 - g. lodgepole pine
 - h. western hemlock
 - i. subalpine fir
3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees three (3) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. lethal blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a twenty-five percent (25%) live crown
4. Lethal white pine blister rust cankers are defined as bole cankers and/or branch cankers closer than six inches (6") to the main stem.
5. Pruning Specifications:
 - a. All western white pine trees (free from lethal white pine blister rust cankers) will be pruned to a height of five feet (5') or no more than one-half of the total tree height. Pruning shall be done with either a pruning saw and/or pruning shears. Pruning with chain saws or clubs will not be allowed. Tools and equipment (such as a "Tree Monkey" and climbing spurs) that cause bole damage will not be used. Care will be taken not to damage the selected crop trees. On sloping ground, height is measured from the higher point on the ground (uphill side of the tree).
 - b. All live and dead limbs shall be completely severed from the tree as close to the bole as possible without cutting into the branch collar. Leaving approximately one-quarter (1/4) of the branch beyond the branch collar is acceptable. All live and dead limbs must be severed so as to leave a flat cut surface.
 - c. All needles and needle fascicles must be removed from the bole surface without damage to the bark.

- d. The Contractor will be required to prune all acceptable western white pine trees as thinning progresses through each unit.

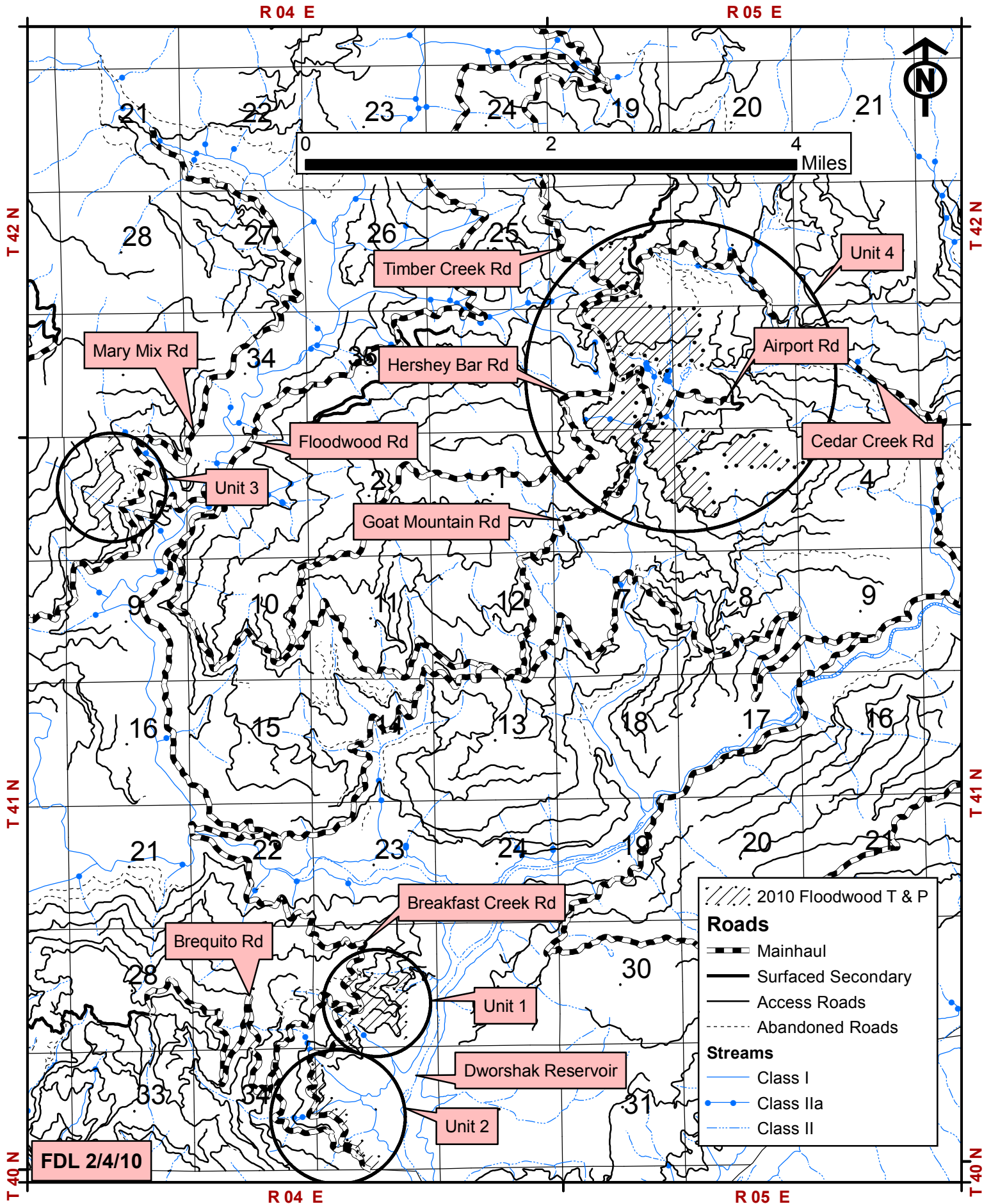
SPECIAL PROVISIONS:

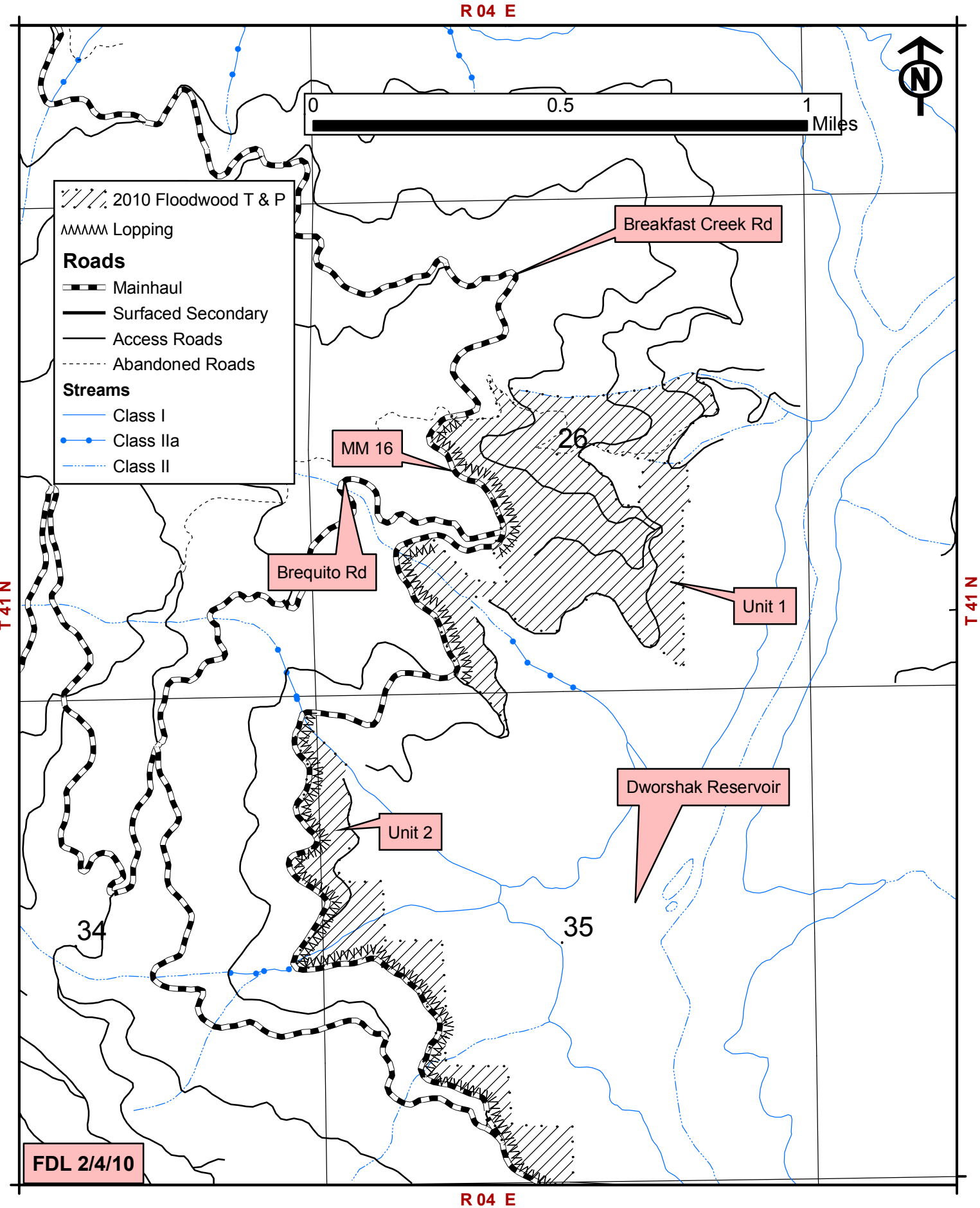
1. Trees over six inches (6") DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All trees six inches (6") DBH and greater which are culls, as determined by the State (Contract Supervisor), will be girdled as directed and not felled.
3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho Forest Practices Act.
4. The Contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The Contractor will provide a lock to provide access during these closure periods. In the event that a gate is inadvertently left open, the Contractor will be responsible for any and all damage due to public traffic caused to roads behind the gate.
5. The Contractor shall be responsible for repairing damage incurred to access roads as a result of the Contractor's activities, as directed by the State (Contract Supervisor). This may involve hand repair of damaged cross-ditches.

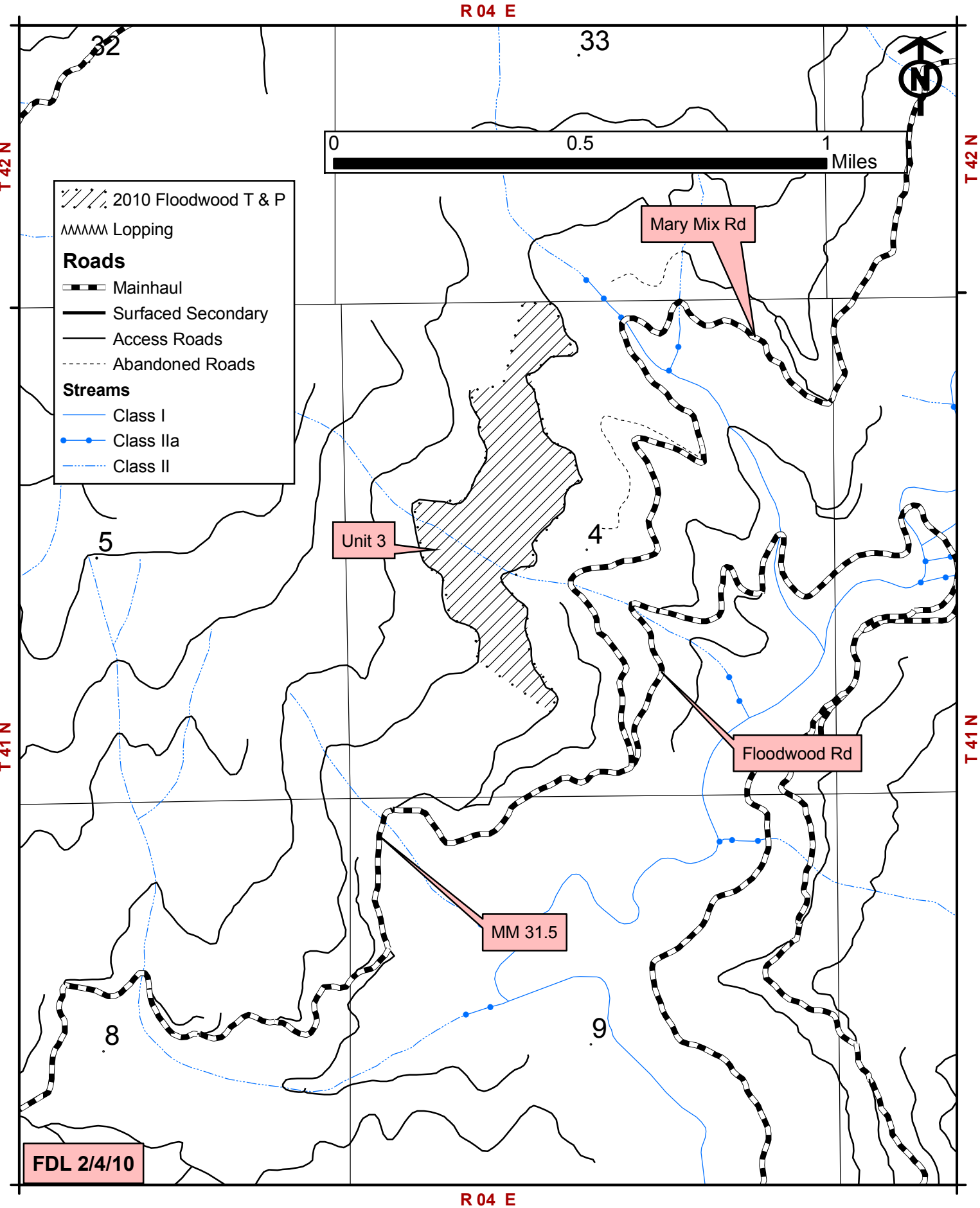
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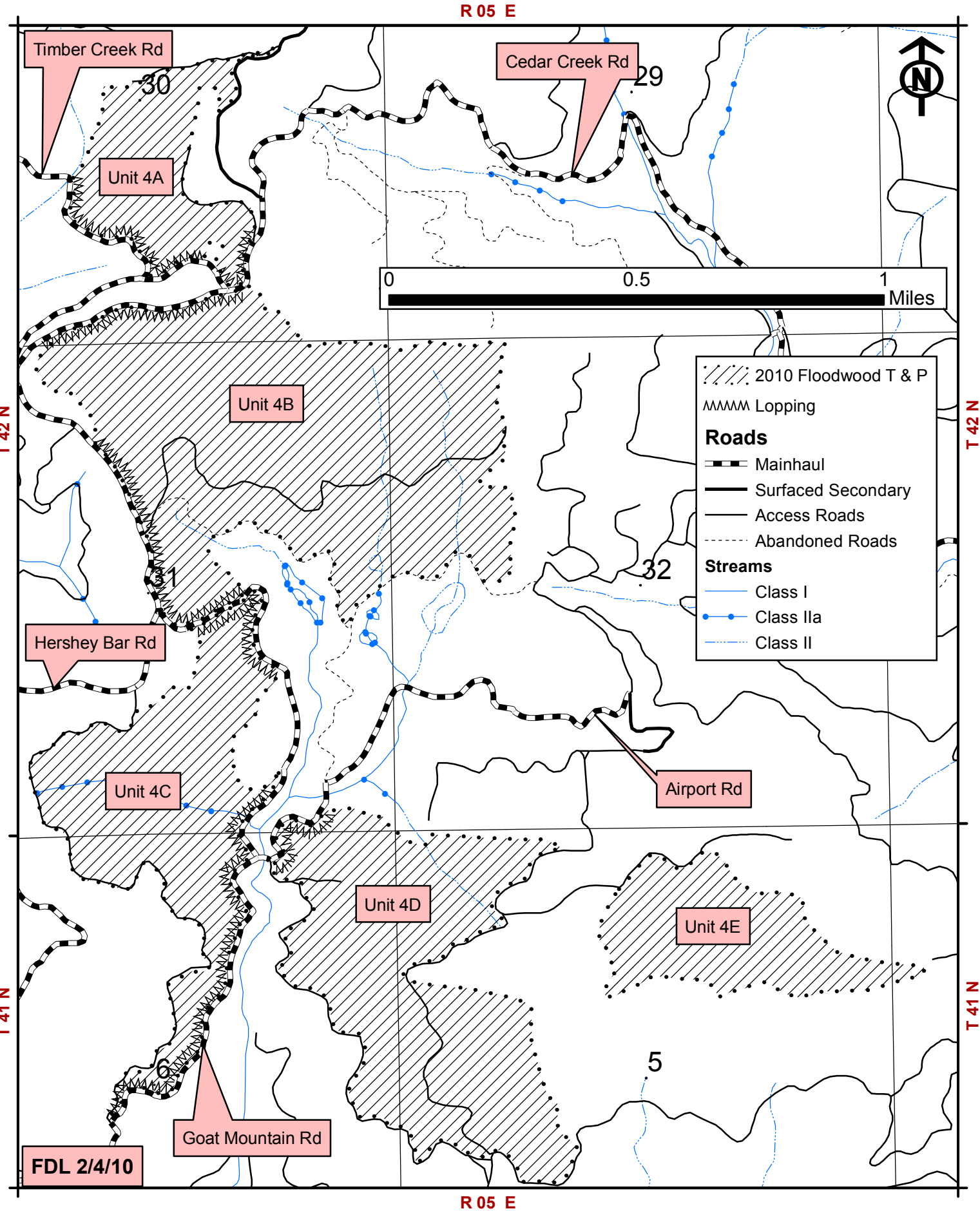
Further information is available by contacting the following:

Dave Luther
Idaho Department of Lands
1806 Main Avenue
St. Maries, ID 83861
(208) 245-4551









**PRECOMMERCIAL THINNING
PROJECT DESCRIPTION
CONTRACT NO. 10-204-310052**

SUPERVISORY AREA: Cataldo

PROJECT NUMBER: FM 31-052-112-10

PROJECT NAME: Lower Canary Thinning

PROJECT LOCATION:

The project area is located just past mile marker 109 of Highway three on Canary Creek Mainhaul Road. The Project area includes two separate units. There are several roads above, below, and through each of the units, however some of these roads are not maintained for travel.

ACCESS AND TERAIN:

Access is provided by Canary Creek Mainhaul Road and secondary logging roads. The thinning units have moderate to steep slopes of 20%-50%.

TREATMENT TYPE:

All surplus trees over 3ft. in height are to be felled mechanically with chainsaws. Use the spacing and species selection guidelines to determine leave trees.

CONTRACT PERIOD:

Contract work can start after the State has received a signed contract and a pre-work conference has been held with the State Contract Supervisor. This contract shall terminate on November 31, 2011.

CONTRACT PAYMENT:

No payments shall be processed before July 1, 2010. Contract payments will be based on satisfactory completion of the contract requirements on each of the below listed payment units. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit No.</u>	<u>Project Unit No.</u>	<u>Net Acres*</u>
1	1	46
2	2 - 5	56

Total Acres 102

* All acres are net horizontal as determined by GIS.

HAZARD PLAN:

A ten foot uncut buffer is to be left on the Canary Creek main haul road. All roads are to be kept free of slash. Any thinning debris that falls in the road shall be put back in the thinning unit. Three engine refill sites are within 1.5 miles of the treatment area. One refill site is located at the northwestern corner of unit 1 (T48N R1W, SWSW Sec. 29). The second site is at the switch back below the Eagle Peak Timber Sale (T47N R1W, SWNE Sec. 5). The third site is 1.5 miles up Canary Creek Road at the junction of Lost Girl Road (T48N, NWSE Sec 28).

PROJECT BOUNDARY:

Unit boundaries are marked in blue flagging or delineated by roads. See attached maps for further detail.

CONTRACT SPECIFICATION:

Subject to direction and instruction of the contract supervisor, the contractor will be required to adhere to the following:

1. Crop or leave trees are to be dominate or co-dominate conifers selected by the contractor on a 13 foot by 13 foot spacing basis (average 250 trees per acre). Spacing may vary up to three feet to allow for optimal tree selection. However, the original guidelines are to be used whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range is 220-300 trees per acre. 13 feet X 13 feet, + or – 3 feet.

2. When selecting crop trees, a variety of species should be selected. Selection should be on the basis of height rather than diameter. If a less preferred species is $\frac{1}{4}$ tree height taller than the species listed above it, the less preferred species shall be chosen. If a tree is farther down the preference list it must be $\frac{1}{4}$ taller per tree down the list. For example: for a cedar to be chosen over a white pine the cedar must be twice as tall as the white pine. Following are the acceptable crop trees in order of preference, with the first being the most preferred:
 - a. western larch
 - b. ponderosa pine
 - c. western white pine (blister rust free)
 - d. Douglas-fir
 - e. western red cedar
 - f. lodgepole pine
 - g. grand fir
 - h. western hemlock

3. Trees to be girdled will be trees in poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees six inches (6") in diameter and larger. Living Culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead top
 - e. "suckers" or the tree in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a 25% live crown.

SPECIAL PROVISIONS

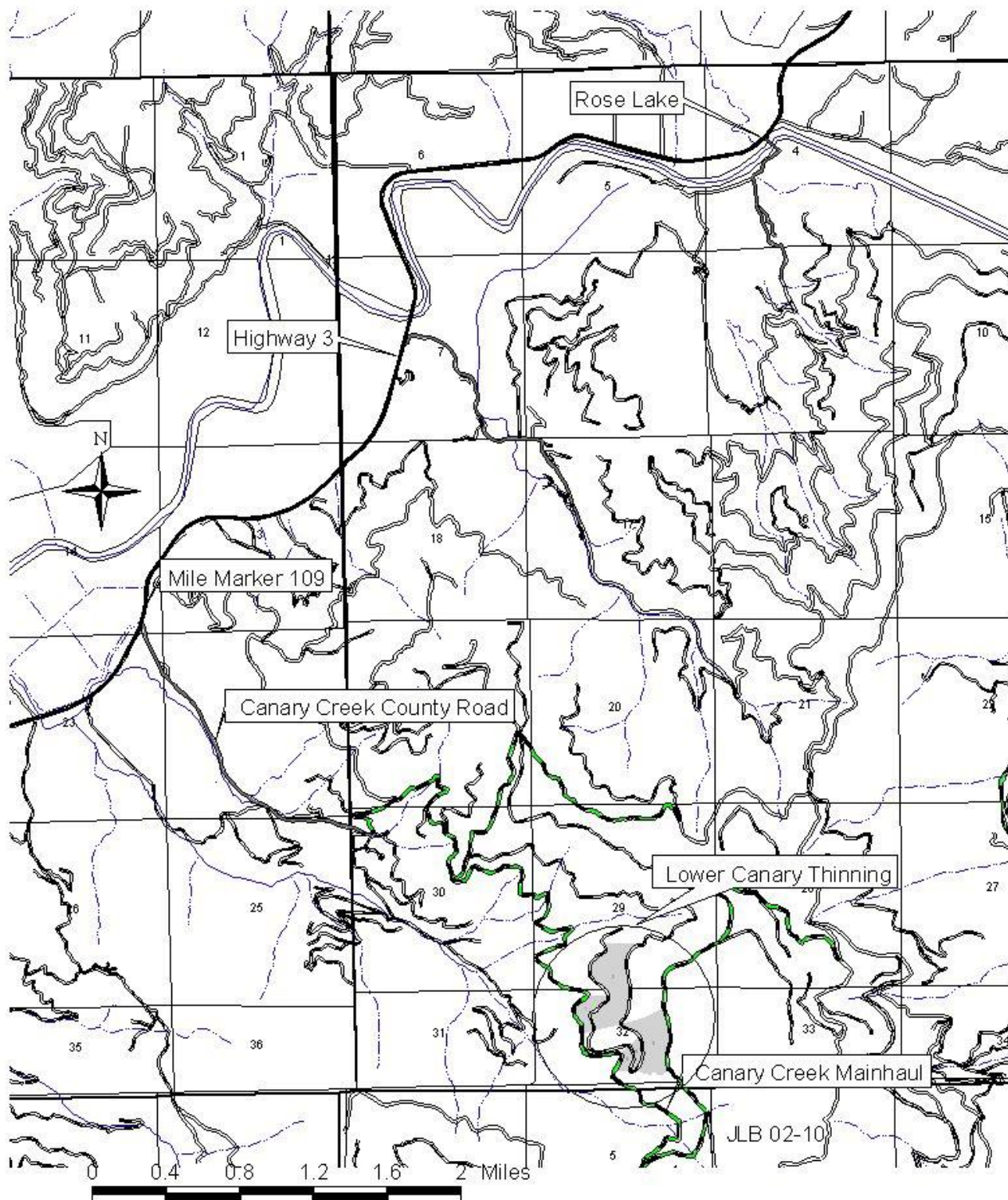
1. Trees over six inches (6") DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All trees six inches (6") DBH and greater which are culls, as determined by the State (Contract Supervisor), will be girdled as directed and not felled.
3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho State Forest Practices Act.
4. The Contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The contractor will provide a lock to provide access during these closure periods. In the event that a gate is inadvertently left open, the Contractor will be responsible for any and all damage to roads caused by public traffic behind the gate.
5. The Contractor shall be responsible for repairing damage incurred to the access roads as a result of the contractor's activities, as directed by the contract Supervisor.

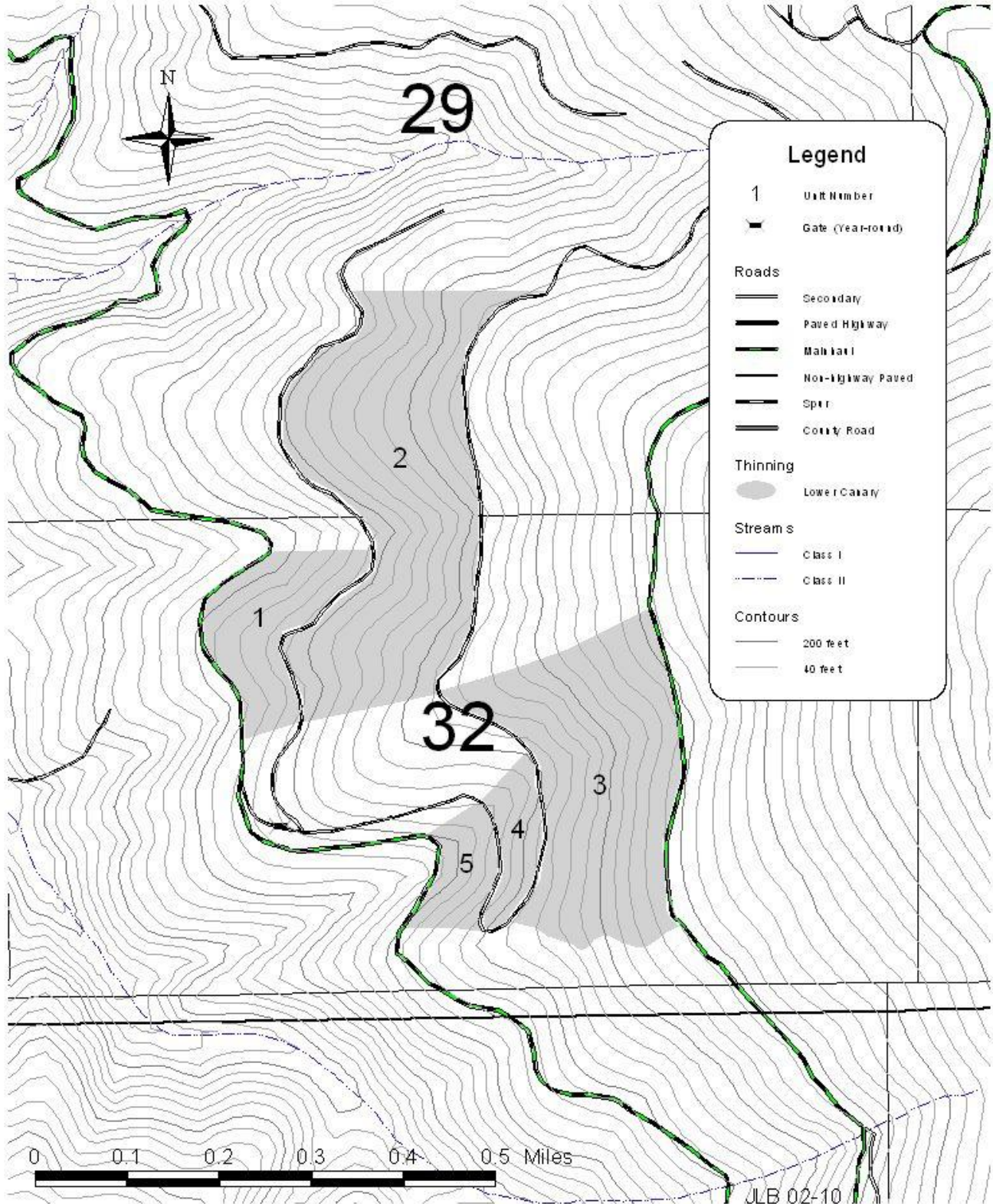
INFORMATION:

Further information is available by contacting the following:

Idaho Department of Lands
Jeanne Bradley
80 Hilltop Overpass
Kingston, ID 83839
(208)682-4611

Vicinity Map





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CONTRACT NO.: 10-204-400978

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Beartrap Precommercial Thinning

PROJECT NUMBER: 40-978-112-08

SUPERVISORY AREA: Clearwater

PROJECT AREA: 83 Acres

PROJECT LOCATION:

This project is located approximately nine (9) air miles northeast of Pierce, Idaho. The thinning is bordered by a combination of unsurfaced roads and skid trails. The unit boundaries are marked with pink or orange flagging. The area is accessed by an unsurfaced road.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. SENE, Pts. E2SE	11	37N	6E	59
Pts. W2NW, Ps. SWSW	12	37N	6E	3
Pts. NWNW	13	37N	6E	1
Pts. E2NE	14	37N	6E	<u>20</u>
Total Acres:				83

All acres are net horizontal.

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over two (2) feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

Project Description
Beartrap Precommercial Thinning
Project No. 40-978-112-08
Contract No. 10-204-400978

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1 & 2	47
3 & 4	36

HAZARD PLAN:

Clearwater-Potlatch Timber Protective Association (C.-P.T.P.A.) will clean out and re-cross-ditch approximately 150 chains of existing perimeter skid trails prior to the contractor thinning the units. The running surface of all roads and designated skid trails will be kept free of slash. The felled material protruding on or over roads, property boundaries, or perimeter trails will be pulled back into the thinning unit.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 302 trees per acre). Spacing may vary up to 35 percent (7.80 to 16.20 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western red cedar
 - b. western larch and white pine
 - c. Douglas-fir
 - d. grand fir
 - e. englemann spruce
 - f. lodgepole pine
 - g. sub-alpine fir

Project Description
Beartrap Precommercial Thinning
Project No. 40-978-112-08
Contract No. 10-204-400978

3. Trees to be removed will be living culls and trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two (2) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.

SPECIAL PROVISIONS:

Trees over six (6) inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor). Trees over six (6) inches DBH that are diseased or culls will be girdled with two (2) connecting rings around the stem.

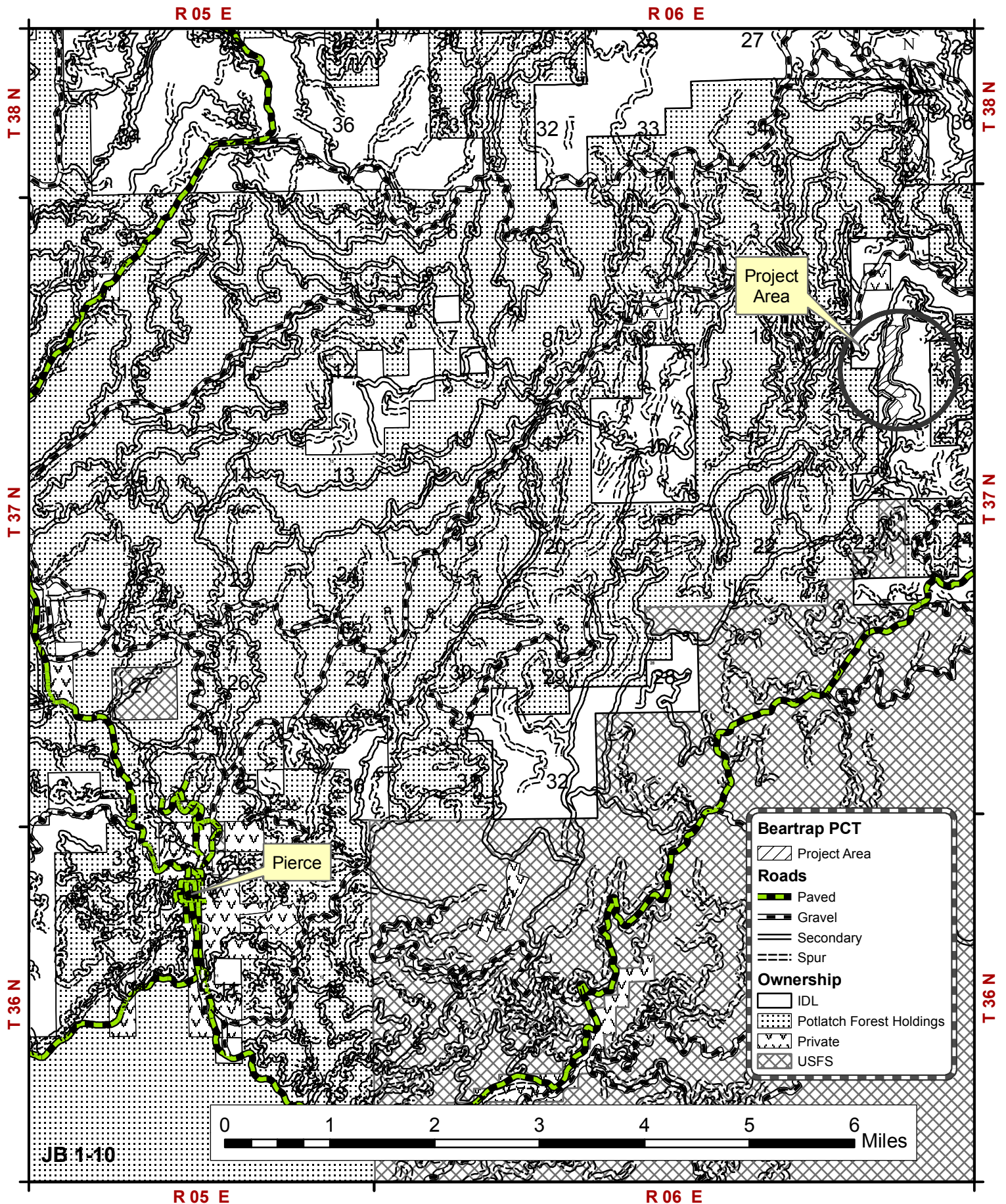
INFORMATION:

Further information will be available by contacting the following address:

Idaho Department of Lands
Clearwater Supervisory Area
10230 Highway 12
Orofino, Idaho 83544
(208) 476-4587
Fax (208) 476-7175
Contact: Josh Brandt

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Beartrap PCT
Project #40-978-112-08
Contract #10-204-400978
Vicinity Map

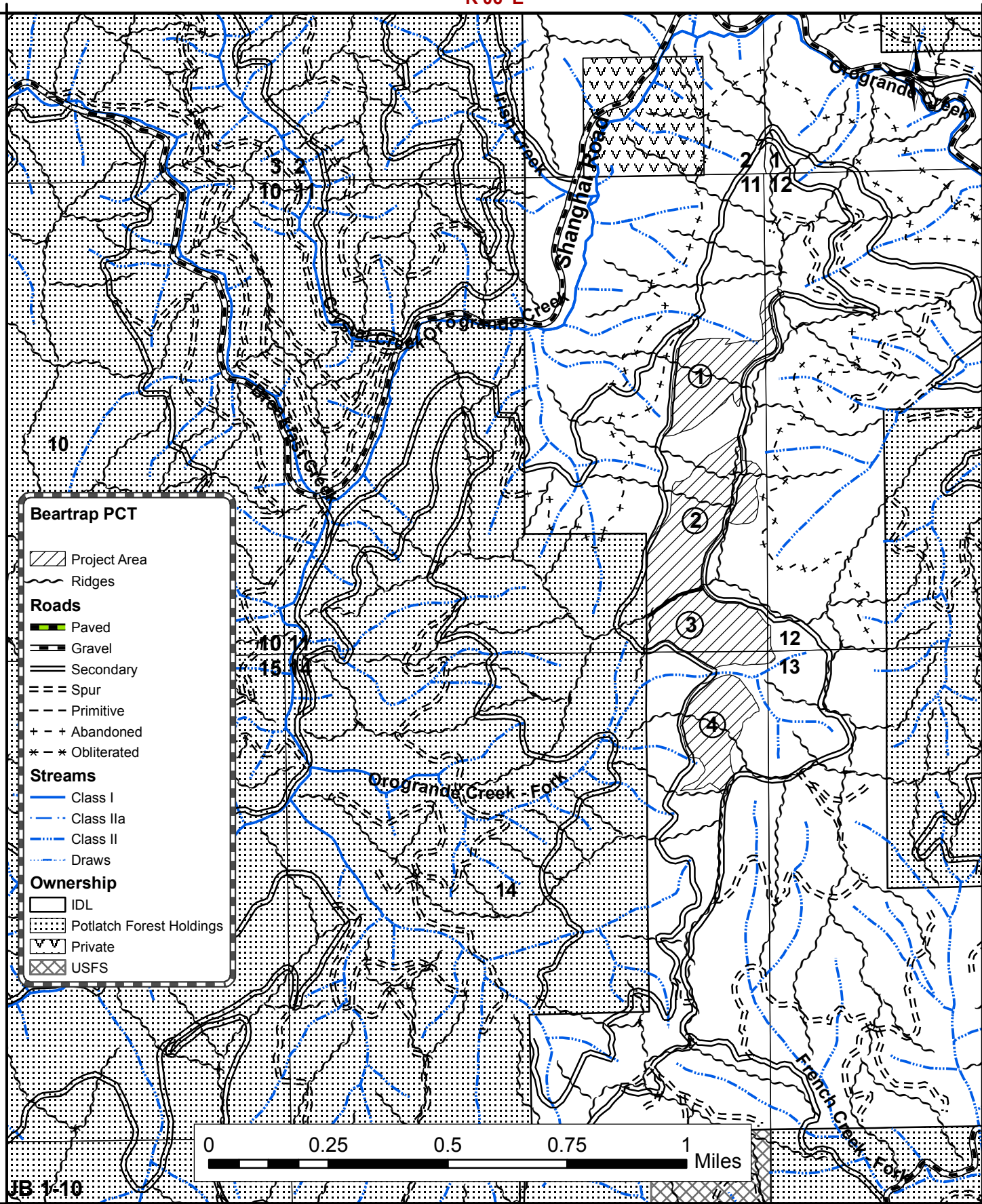


Beartrap PCT
Project #40-978-112-08
Contract #10-204-400978

R 06 E

T 37 N

T 37 N



JB 1-10

R 06 E

CONTRACT NO.: 10-204-400984

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Feary Creek Thinning

PROJECT NUMBER: 40-0984-112-08

SUPERVISORY AREA: Clearwater

PROJECT AREA: 75 Acres

PROJECT LOCATION:

This project is located six air miles northwest of Headquarters, Idaho, and consists of two (2) units. Individual unit boundaries are designated with blue flagging. The project is located within a seasonal road closure area, and the contractor will be responsible for maintaining the closure, when in effect. Existing logging roads will provide the necessary access into the area.

<u>Unit #</u>	<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
1	Pts. NWNE, Pts. E2NW	26	39N	4E	25
2	Pts. NENW, Pts. W2NW	26	39N	4E	<u>50</u>

Total Acres: 75

All acres are net horizontal.

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over two (2) feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204-400984. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	25
2	50

HAZARD PLAN:

The running surface of all spur roads and perimeter skid trails will be kept free of slash. This thinning debris may either be pulled back into the unit or hand piled, in piles of sufficient size, as designated by the Contract Supervisor, to allow for burning. If piled, piles shall be constructed at least ten (10) feet from any live green trees. Access to the area is seasonally controlled with an existing gate system.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 302 trees per acre). Spacing may vary up to thirty-five (35) percent (7.80 to 16.20 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western red cedar
 - b. western larch
 - c. ponderosa pine
 - d. western white pine
 - e. Douglas-fir
 - f. grand fir
3. Trees to be removed will be living culls and trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two (2) feet in height and taller. Living culls are further defined as:

- a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.

SPECIAL PROVISIONS:

1. Trees over six (6) inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor). Trees over six (6) inches that are diseased or damaged will be girdled with two (2) rings connected around the stem.
2. All snags will be left standing.

INFORMATION:

Further information will be available by contacting the following address:

Idaho Department of Lands
Clearwater Supervisory Area
10230 Highway 12
Orofino, Idaho 83544
(208) 476-4587
Fax (208) 476-7175
Contact: John Farbo

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Feary Creek Thinning
Project #40-0984-112-08
Contract #10-204-4000984
T 39N R4E Sec. 26
Vicinity Map

Milwaukee Road

Project Area

Silver Cr. CO-OP Road

Headquarters ID.

LEGEND

Roads

- Paved
- Gravel
- Secondary
- Spur
- Primitive
- Trail
- Abandoned
- Obliterated

STREAMS

- CLASS I
- CLASS II

OWNERSHIP

- POTLATCH
- IDL
- PRIVATE



SCALE

1 0 1 2 Miles

22

23

27

26

Feary Creek Thinning
Project #40-0984-112-08
Contract #10-204-4000984
T 39N R4E Sec. 26
Project Map

Milwaukee Road

UNIT 2

UNIT 1

SCALE

0.25 Miles

0.25 Miles

LEGEND



Roads

Paved

Gravel

Secondary

Spur

Primitive

Trail

Abandoned

Obiterated

Streams

CLASS I

CLASS II

OWNERSHIP

POTLATCH

IDL

PRIVATE

JTF 1/08

CONTRACT NO.: 10-204-401022

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Backside Angel PCT

PROJECT NUMBER: 40-1022-112-10

SUPERVISORY AREA: Clearwater

PROJECT AREA: 144 Acres

PROJECT LOCATION:

The project is located approximately 12 air miles northeast of Orofino, Idaho. The thinning is divided into units by unsurfaced roads and skid trails. Unsurfaced roads will access the project area, which can be driven during dry weather.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. Lots 3-4	1	37N	3E	13
Pts. Lot 1, Pts. SENE	2	37N	3E	27
Pts. SW, Pts. W2SE	36	38N	3E	<u>104</u>
Total Acres:				144

All acres are net horizontal.

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over two (2) feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract work must be initiated prior to June 30, 2010. This contract shall terminate on December 31, 2010.

Project Description
Backside Angel PCT
Project No.: 40-1022-112-10
Contract No.: 10-204-401022

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204-401022. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	11
2	22
3	45
4	54
5	12

HAZARD PLAN:

The running surface, road shoulder and cut banks of all roads and perimeter skid trails will be kept free of slash. The felled material protruding on or over roads or property boundaries will be pulled back into the thinning unit.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the contractor on an 12-foot by 12-foot spacing basis (average 302 trees per acre). Spacing may vary up to thirty-five percent (7.80 to 16.20 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 232 to 372 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western red cedar
 - b. western white pine
 - c. western larch
 - d. ponderosa pine
 - e. Douglas-fir
 - f. grand fir
 - g. lodgepole pine

Project Description
Backside Angel PCT
Project No.: 40-1022-112-10
Contract No.: 10-204-401022

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two (2) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.

SPECIAL PROVISIONS:

1. Trees over six (6) inches DBH and free of insects and disease will not be cut, as directed by the state (contract supervisor). Trees over six (6) inches DBH that are damaged or are culls will be girdled with two (2) rings connecting around the stem.

INFORMATION:

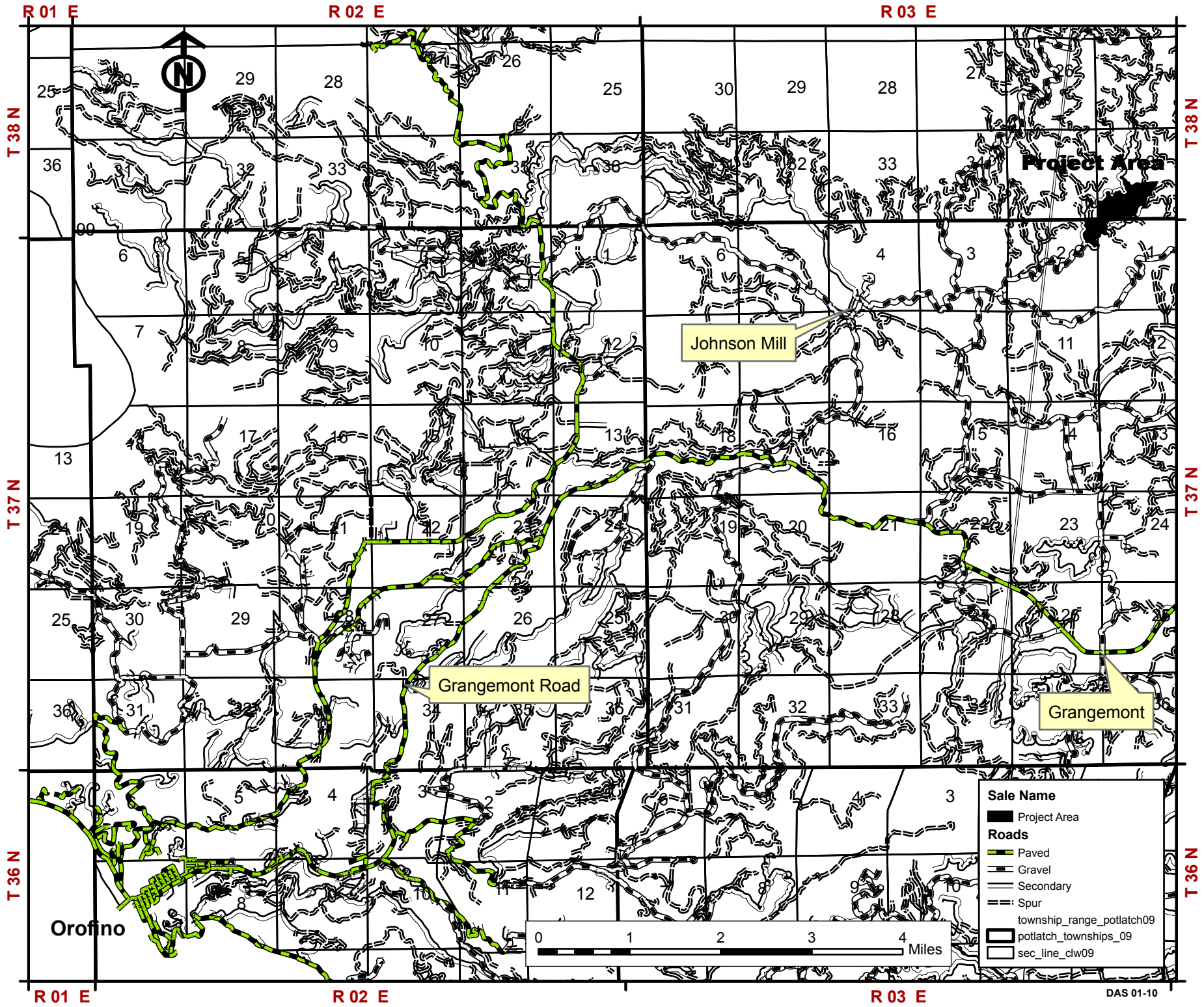
Further information will be available by contacting the following address:

Idaho Department of Lands
Clearwater Supervisory Area
10230 Highway 12
Orofino, Idaho 83544
(208) 476-4587
Fax (208) 476-7175
Contact: Dave Schwartz

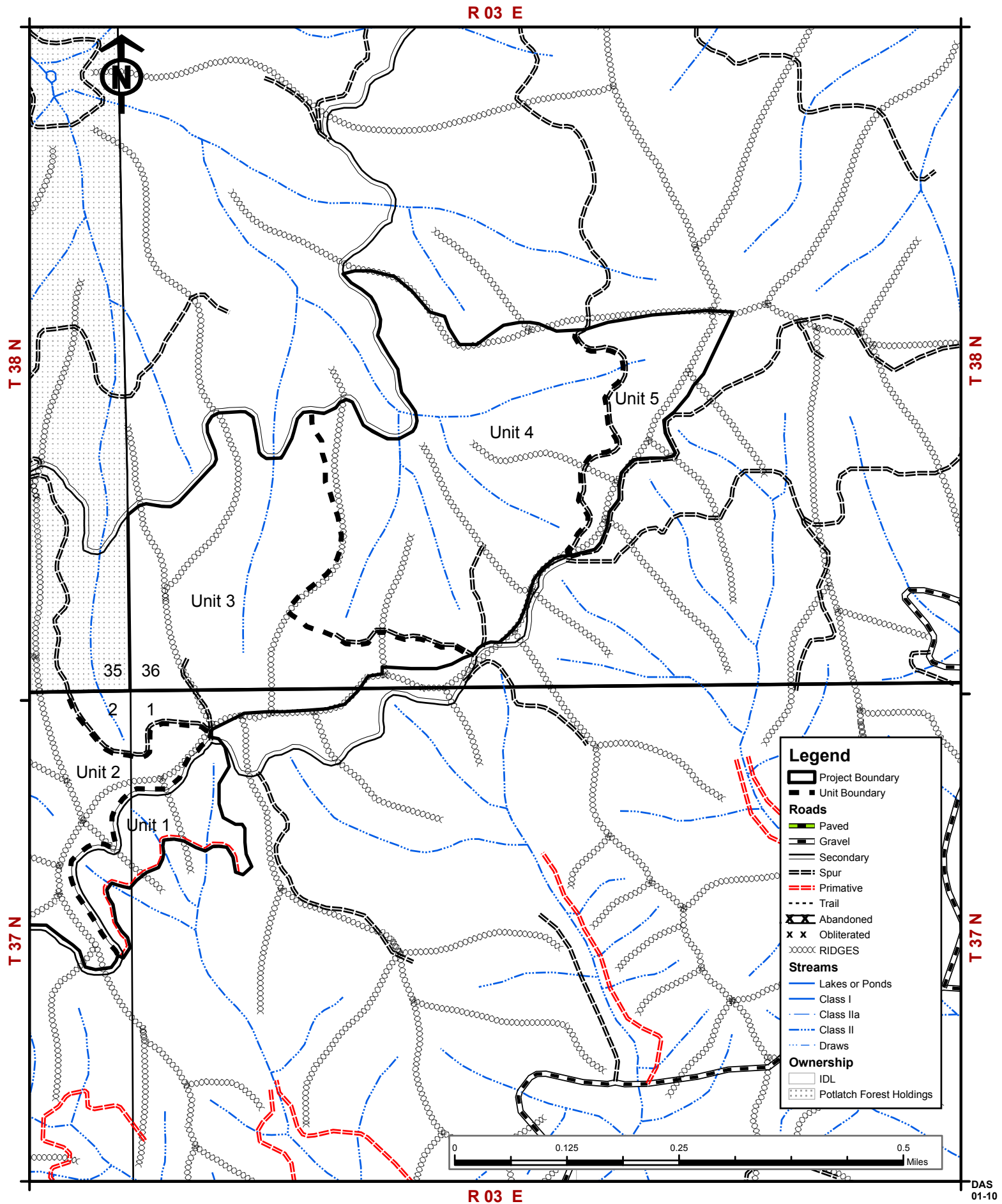
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Backside Angel PCT
Project # - 40-1022-112-10
Contract # - 10-204-401022

Vicinity Map



Project Map



CONTRACT NO.: 10-204-401040

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Upper Fohl Creek PCT

PROJECT NUMBER: 40-1040-112-10

SUPERVISORY AREA: Clearwater

PROJECT AREA: 68 acres

PROJECT LOCATION:

The project is located approximately three (3) miles south of Headquarters, Idaho.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. SENE,	34	38N	5E	12
Pts. E2SW,	34	38N	5E	12
Pts. SE	34	38N	5E	34
Pts. SWNW,	35	38N	5E	7
Pts. NWSW	35	38N	5E	<u>3</u>

Total Acres: 68

All acres are net horizontal.

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over two (2) feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

Project Description
Upper Fohl Creek PCT
Project No. 40-1040-112-10
Contract No. 10-204-401040

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	37
2 & 3	31

HAZARD PLAN:

C.-P.T.P.A. will brush out the road to units 1 & 2 prior to the start of the thinning. This will allow crew access as well as heavier truck traffic in case of a fire. The remaining mitigation points were obtained from gating of roads, proximity to water sources, and quickness of initial attack forces since C.-P.T.P.A. Headquarters office is located approximately four (4) miles from the project. The running surface of all roads will be kept free of slash. The felled material protruding on or over roads, property boundaries, or perimeter trails will be pulled back into the thinning unit.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 302 trees per acre). Spacing may vary up to 35 percent (7.8 to 16.2 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. Western red cedar
 - b. Western larch and white pine
 - c. Douglas-fir
 - d. Ponderosa pine
 - e. Grand fir

Project Description
Upper Fohl Creek PCT
Project No. 40-1040-112-10
Contract No. 10-204-401040

- f. Englemann spruce
 - g. Lodgepole pine
- 3. Trees to be removed will be living culls and trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two (2) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
- 4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.

SPECIAL PROVISIONS:

- 1. Trees over six (6) inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor). Trees over six (6) inches DBH that are diseased or culls will be girdled with two (2) connecting rings around the stem.

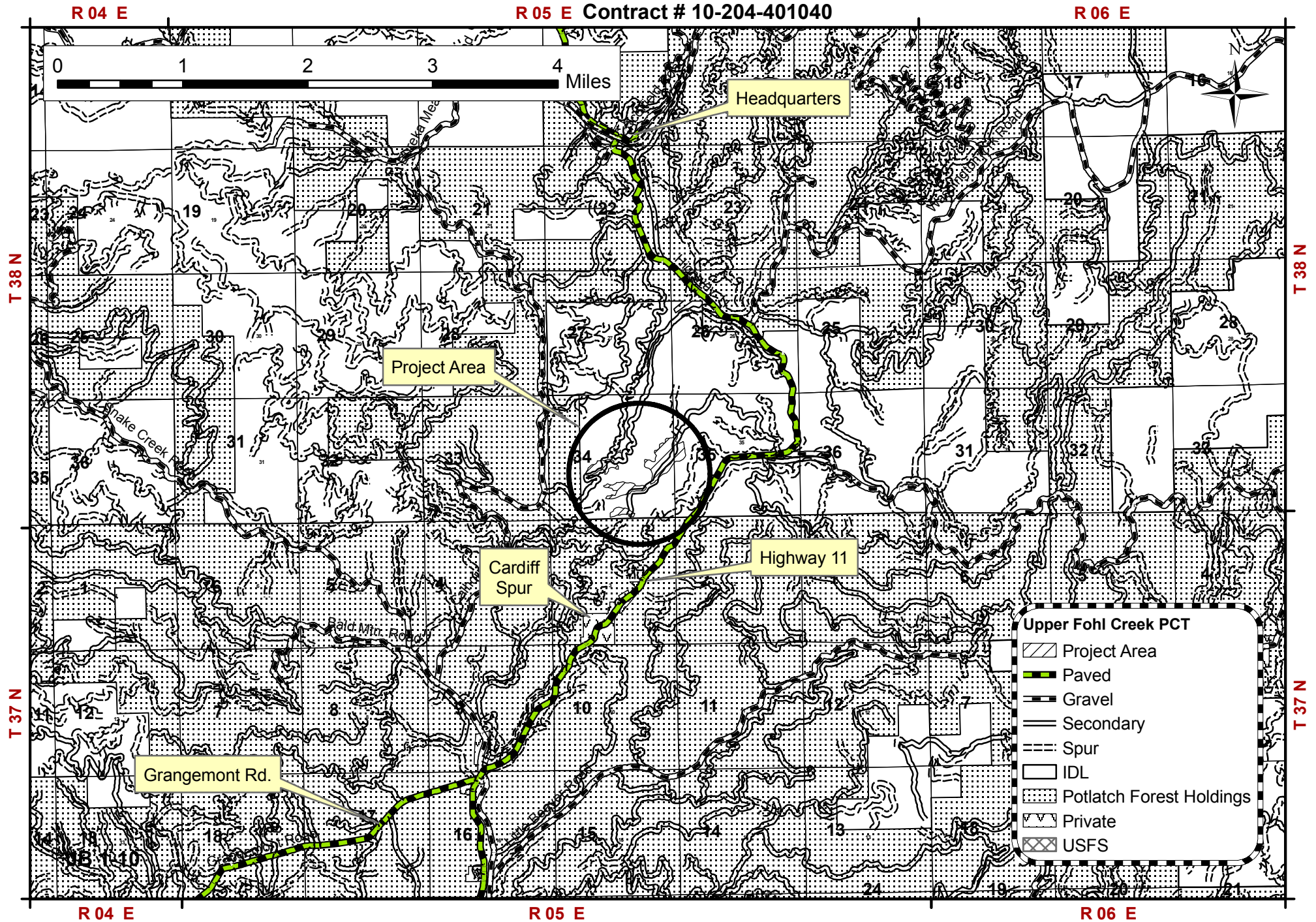
INFORMATION:

Further information will be available by contacting the following address:

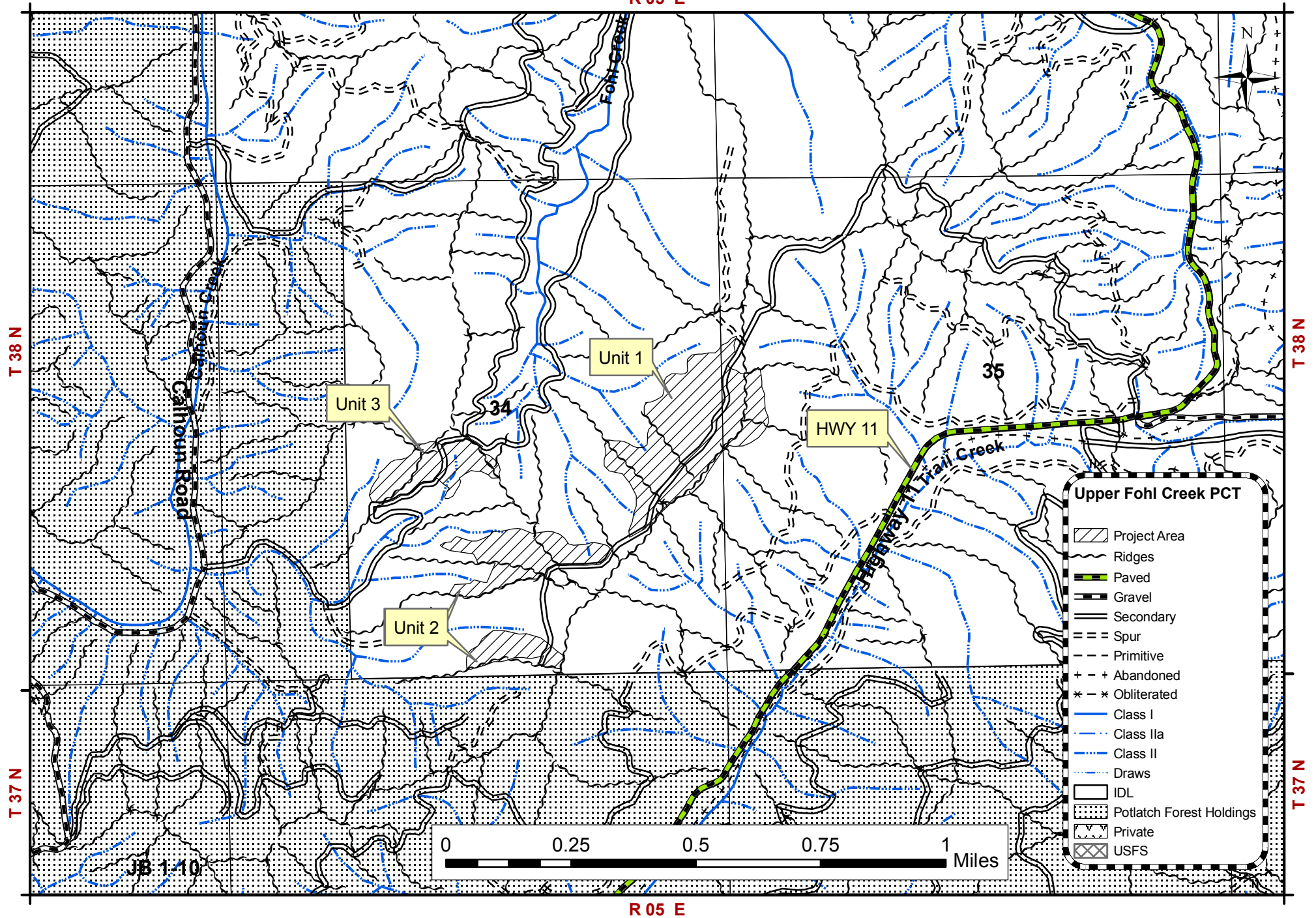
Idaho Department of Lands
Clearwater Supervisory Area
10230 Highway 12
Orofino, Idaho 83544
Phone: (208) 476-4587
Fax: (208) 476-7175
Contact: Josh Brandt

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Upper Fohl Creek PCT
Vicinity Map
Project # 40-1040-112-10
Contract # 10-204-401040



Upper Fohl Creek PCT
Project # 40-1040-112-10
Contract # 10-204-401040
R 05 E



CONTRACT NO.: 10-204-401065

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Bear Basin Thinning
PROJECT NUMBER: 40-1065-112-10
SUPERVISORY AREA: Clearwater
PROJECT AREA: 292 Acres

PROJECT LOCATION:

This project is located approximately two (2) miles southwest of Headquarters, Idaho. The project area is delineated by flagging and is comprised of five (5) payment units. The project is located within a gated road system, and the contractor will be responsible for maintaining all gate closures. Existing roads will provide access to the project area.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>	<u>Acres</u>
Pts. NE	29	38N	5E	87
Pts. E2NW	29	38N	5E	3
Pts. S2	29	38N	5E	<u>202</u>

Total Acres: 292

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over two (2) feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

Bear Basin Thinning
40-1065-112-10
Contract No. 10-204-401065

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204-401065. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	19
2	80
3	41
4	65
5	48
6	39

HAZARD PLAN:

The running surface of all spur roads and perimeter skid trails will be kept free of slash. This thinning debris may either be pulled back into the unit, or hand piled, in piles of sufficient size, as designated by the Contract Supervisor, to facilitate burning. If piled, piles shall be constructed at least ten (10) feet from any live green trees. Access to the area is controlled by a gated road system.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 302 trees per acre). Spacing may vary up to thirty-five (35) percent (7.8 to 16.2 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred:
 - a. western red cedar
 - b. western larch
 - c. Douglas-fir
 - d. western white pine (blister rust free)
 - e. ponderosa pine
 - f. grand fir

Bear Basin Thinning
40-1065-112-10
Contract No. 10-204-401065

3. Trees to be removed will be living culls and trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees two (2) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.

SPECIAL PROVISIONS:

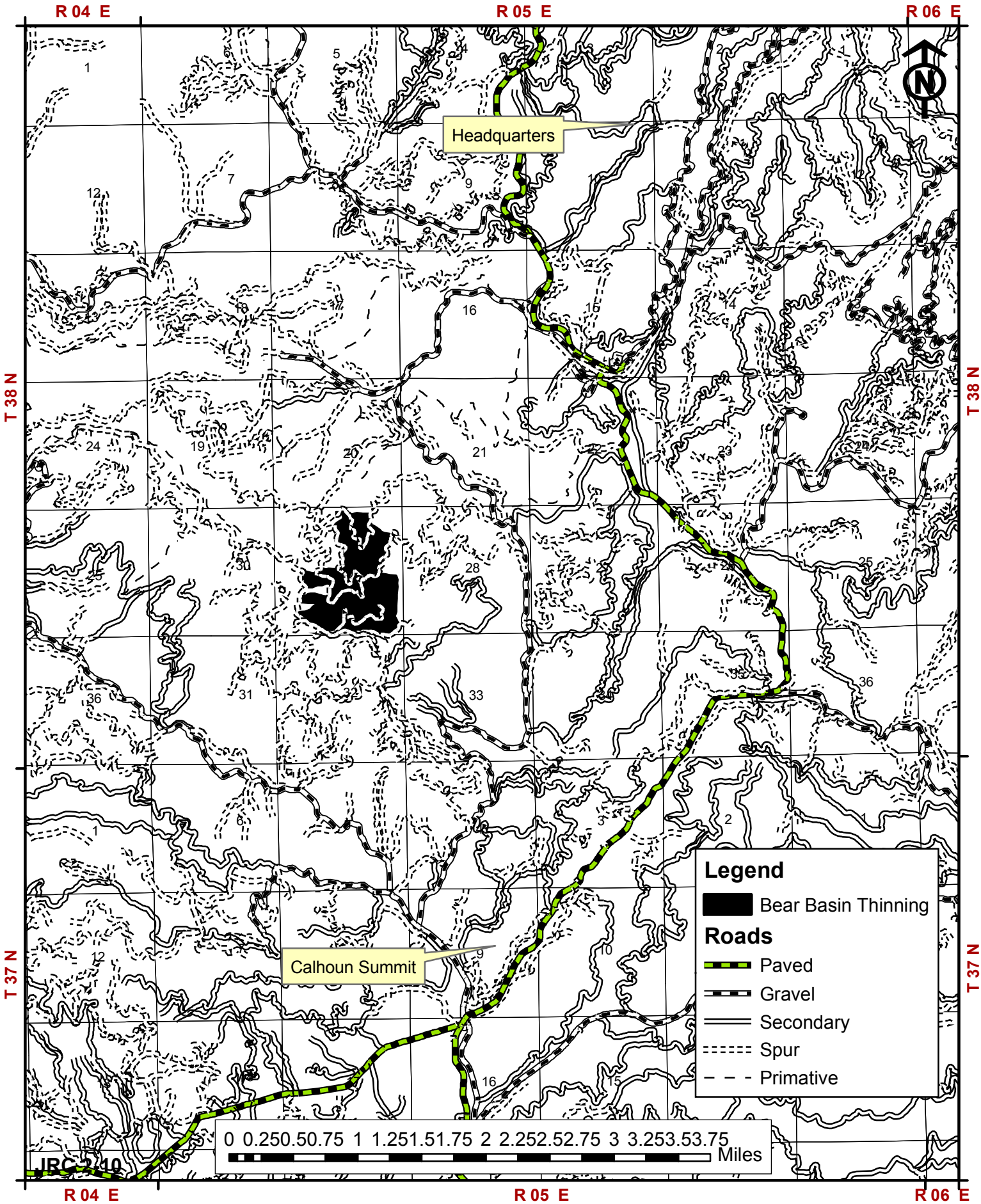
1. Trees over six (6) inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor). Trees over six (6) inches that are diseased or damaged will be girdled with two (2) rings connected around the stem.
2. All snags will be left standing.

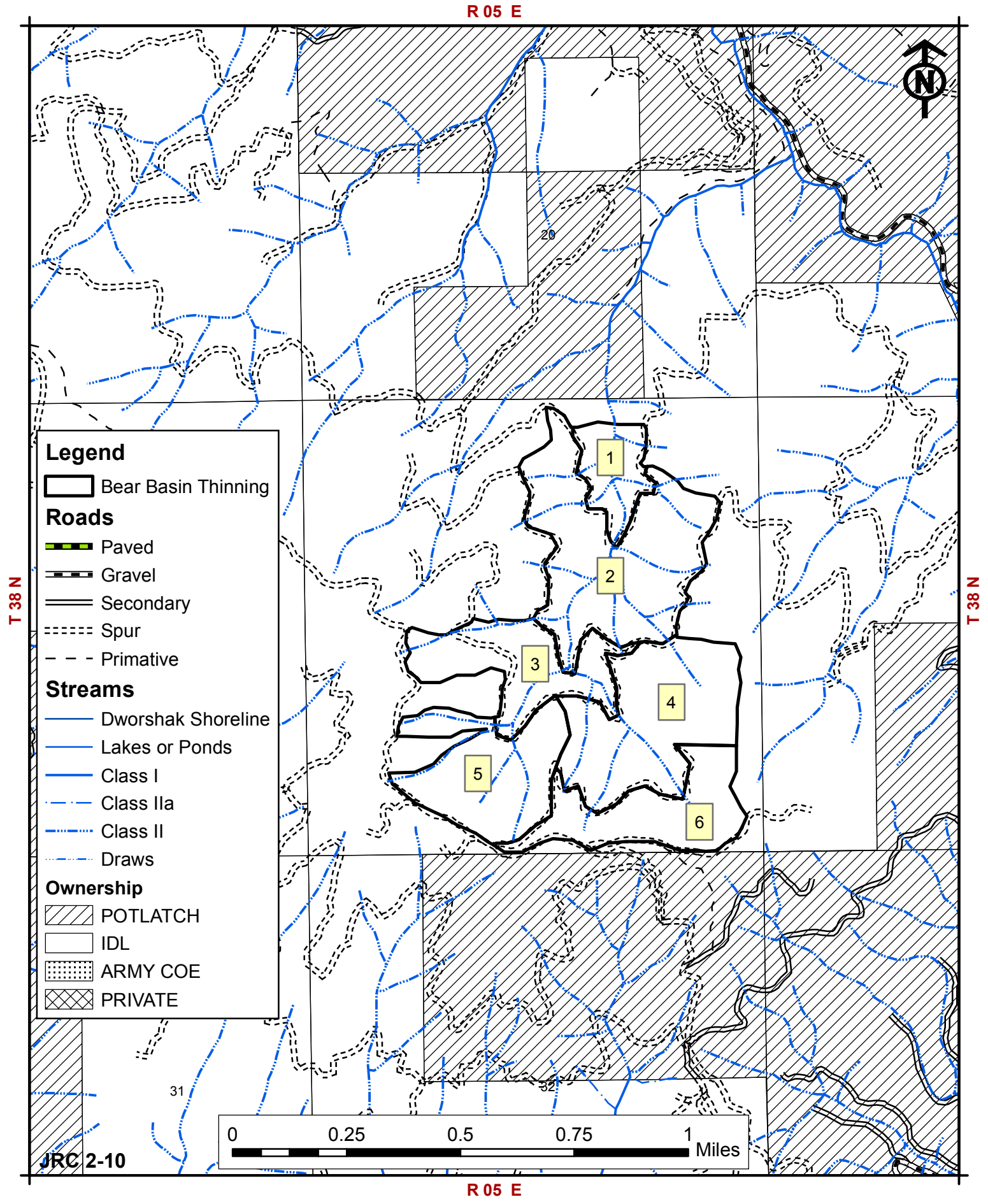
INFORMATION:

Further information will be available by contacting the following address:

Idaho Department of Lands
Clearwater Supervisory Area
10230 Highway 12
Orofino, Idaho 83544
(208) 476-4587
Fax (208) 476-7175
Contact: Jake Cafferty

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CONTRACT NO. 10-204-410137

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Teakean Thinning

PROJECT NUMBER: 41-137-112-10

SUPERVISORY AREA: Ponderosa

PROJECT AREA: 85 Acres

PROJECT LOCATION:

Approximately 6.5 miles east of Southwick, ID.

LEGAL DESCRIPTION:

<u>Unit Name</u>	<u>Subdivision</u>	<u>Section</u>	<u>Twp.</u>	<u>Rge.</u>	<u>Acres*</u>
1	Pts. S2NE, Pts. NWNE,	32	38N	01E	85
	Pts. E2NW, Pts. N2S2,	32	38N	01E	

Total Acres: 85

* All acres are net horizontal as determined by GIS.

TREATMENT TYPE:

The unit will be mechanically thinned with chain saws by felling all surplus trees over 2 feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	85

HAZARD PLAN:

The running surface, cut slope and inside ditch of all logging roads will be kept free of thinning slash. This thinning slash will be pulled back into the unit.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 300 trees per acre). Spacing may vary up to 35 percent (7 to 15 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western larch
 - b. western red cedar
 - c. western white pine (blister-rust free)
 - d. Douglas-fir
 - e. grand fir

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees 2 feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.
5. All hardwood species located within 8 feet of crop tree which are, in height, within 3 feet of overtopping a crop tree shall be cut.
6. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.

SPECIAL PROVISIONS:

1. Trees over six inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All trees six inches DBH and greater with disease and/or insect problems, will be cut or girdled as directed by the State (Contract Supervisor). A girdled tree will have 2 rings, severed through the cambium and connected around the stem to qualify as successfully treated.

INFORMATION:

Further information will be available by contacting the following address:

Alisa Schotzko
aschotzko@idl.state.id.us
Idaho Department of Lands
Ponderosa Supervisory Area
3130 Highway 3
Deary, Idaho 83823
(208) 877-1121

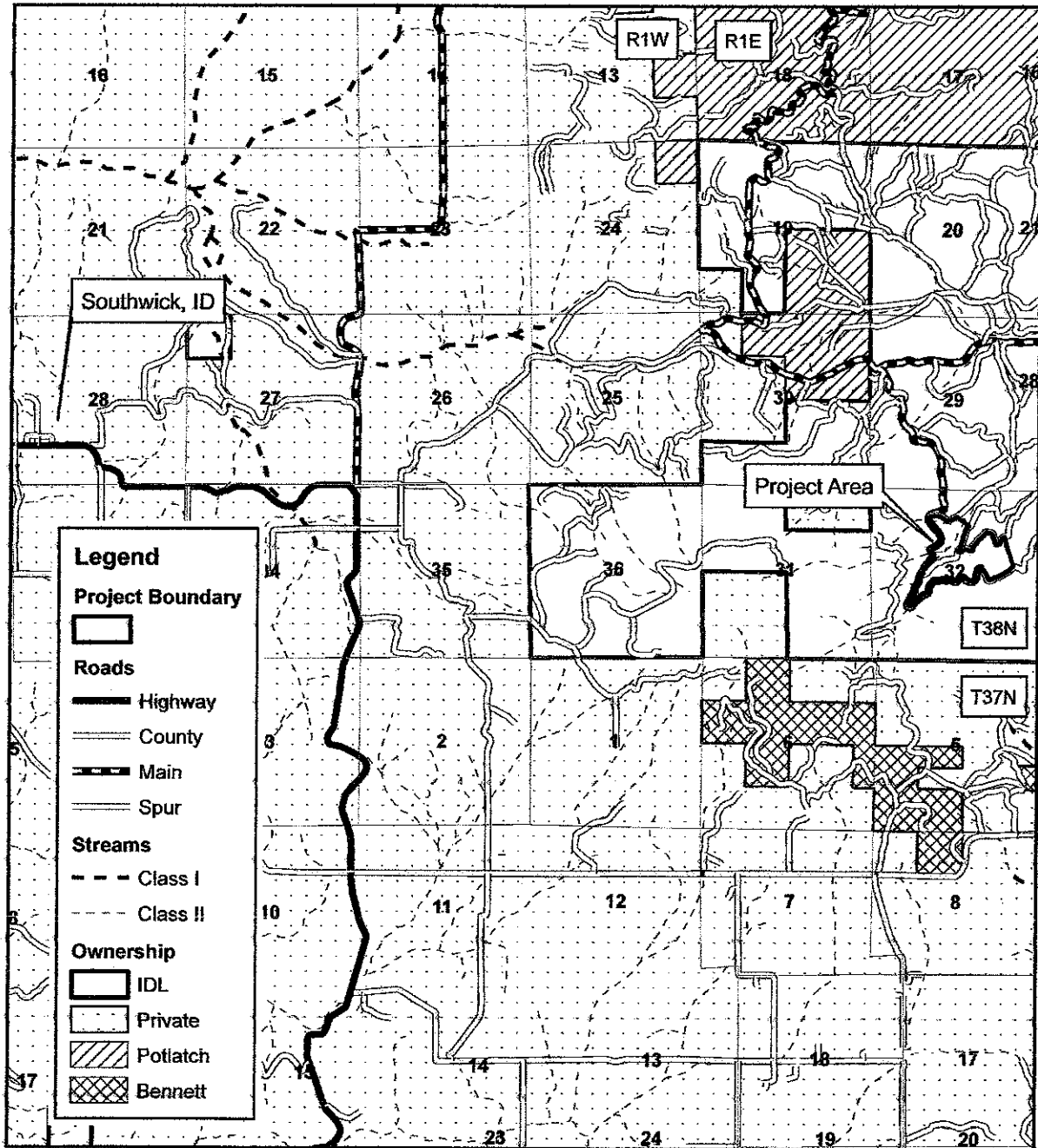
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Teakean Thinning

Contract # 10-204-410137

FM # 41-137-112-10

Vicinity Map 1 of 1



0 1 2 Miles

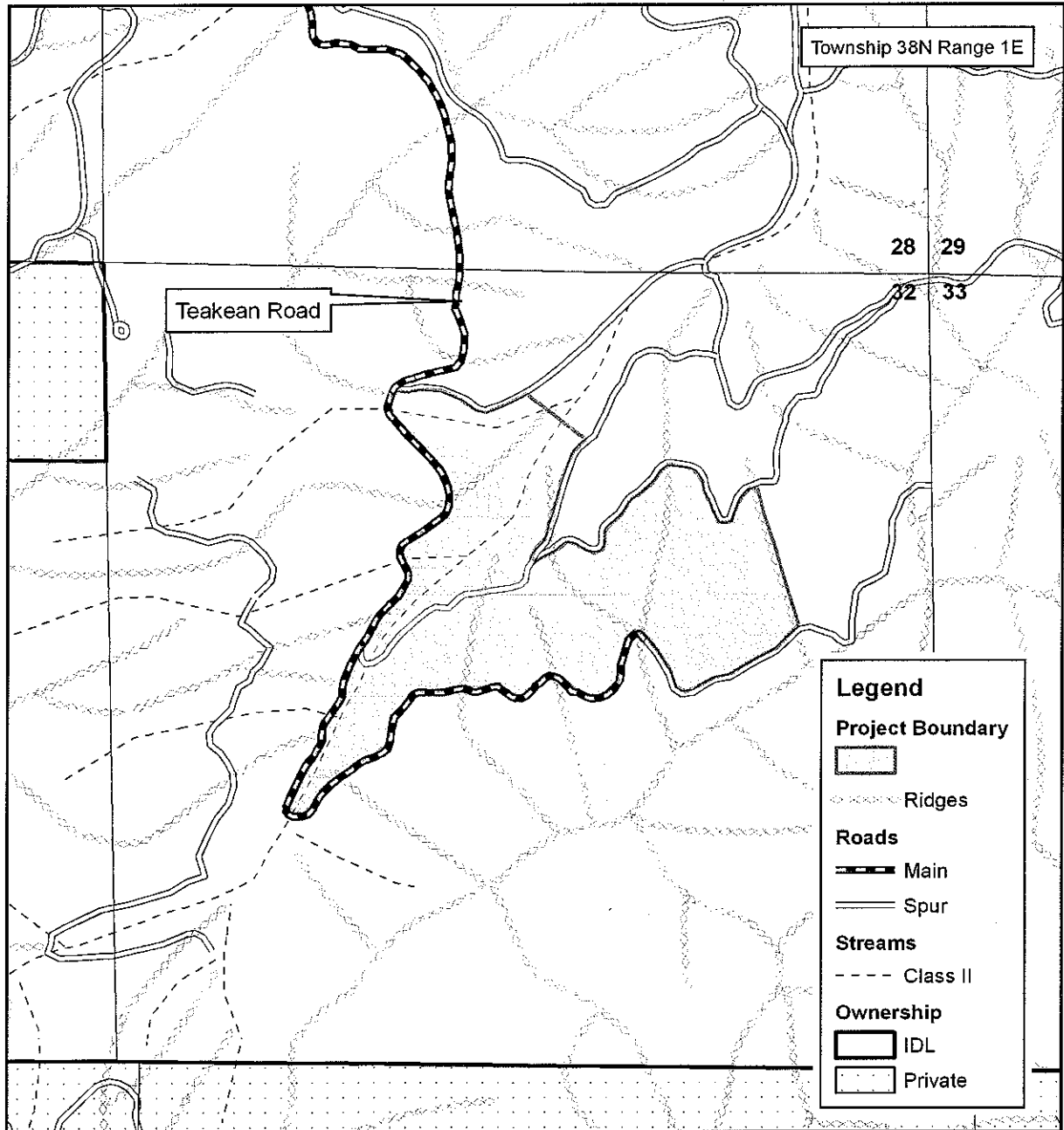
ADS
1/10

Teakean Thinning

Contract # 10-204-410137

FM # 41-137-112-10

Project Map 1 of 1



0 0.25 0.5 Miles

ADS
1/10

CONTRACT NO. 10-204-410139

PRECOMMERCIAL THINNING

PROJECT DESCRIPTION

PROJECT NAME: Fisher Creek Thinning

PROJECT NUMBER: 41-139-112-10

SUPERVISORY AREA: Ponderosa

PROJECT AREA: 65 Acres

PROJECT LOCATION:

Approximately 5 miles south of Elk River, ID.

LEGAL DESCRIPTION:

<u>Unit Name</u>	<u>Subdivision</u>	<u>Section</u>	<u>Twp.</u>	<u>Rge.</u>	<u>Acres*</u>
1	Pts. S2NE, Pts. N2SE,	22	39N	02E	65
	Pts. SESE	22	39N	02E	
	Pts. W2SW	23	39N	02E	

Total Acres: 65

* All acres are net horizontal as determined by GIS.

TREATMENT TYPE:

The unit will be mechanically thinned with chain saws by felling all surplus trees over 2 feet in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the Contract Supervisor. This contract shall terminate on December 31, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on each of the below listed payment units and per the Master Contract #10-204. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Unit #</u>	<u>Acres</u>
1	65

HAZARD PLAN:

The running surface, cut slope and inside ditch of all logging roads will be kept free of thinning slash. This thinning slash will be pulled back into the unit.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the contractor on a 12-foot by 12-foot spacing basis (average 300 trees per acre). Spacing may vary up to 35 percent (7 to 15 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 260 to 340 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. western red cedar
 - b. western white pine (blister-rust free)
 - c. western larch
 - d. Douglas-fir
 - e. grand fir

3. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees 2 feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
4. When selecting a western white pine crop tree, a crop tree of a different species shall also be selected. The additional crop tree shall be as close to the western white pine crop tree as possible.
5. All hardwood species located within 8 feet of crop tree which are, in height, within 3 feet of overtopping a crop tree shall be cut.
6. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.

SPECIAL PROVISIONS:

1. Trees over six inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All trees six inches DBH and greater with disease and/or insect problems, will be cut or girdled as directed by the State (Contract Supervisor). A girdled tree will have 2 rings, severed through the cambium and connected around the stem to qualify as successfully treated.

INFORMATION:

Further information will be available by contacting the following address:

Jake Willard
jwillard@idl.state.id.us
Idaho Department of Lands
Ponderosa Supervisory Area
3130 Highway 3
Deary, Idaho 83823
(208) 877-1121

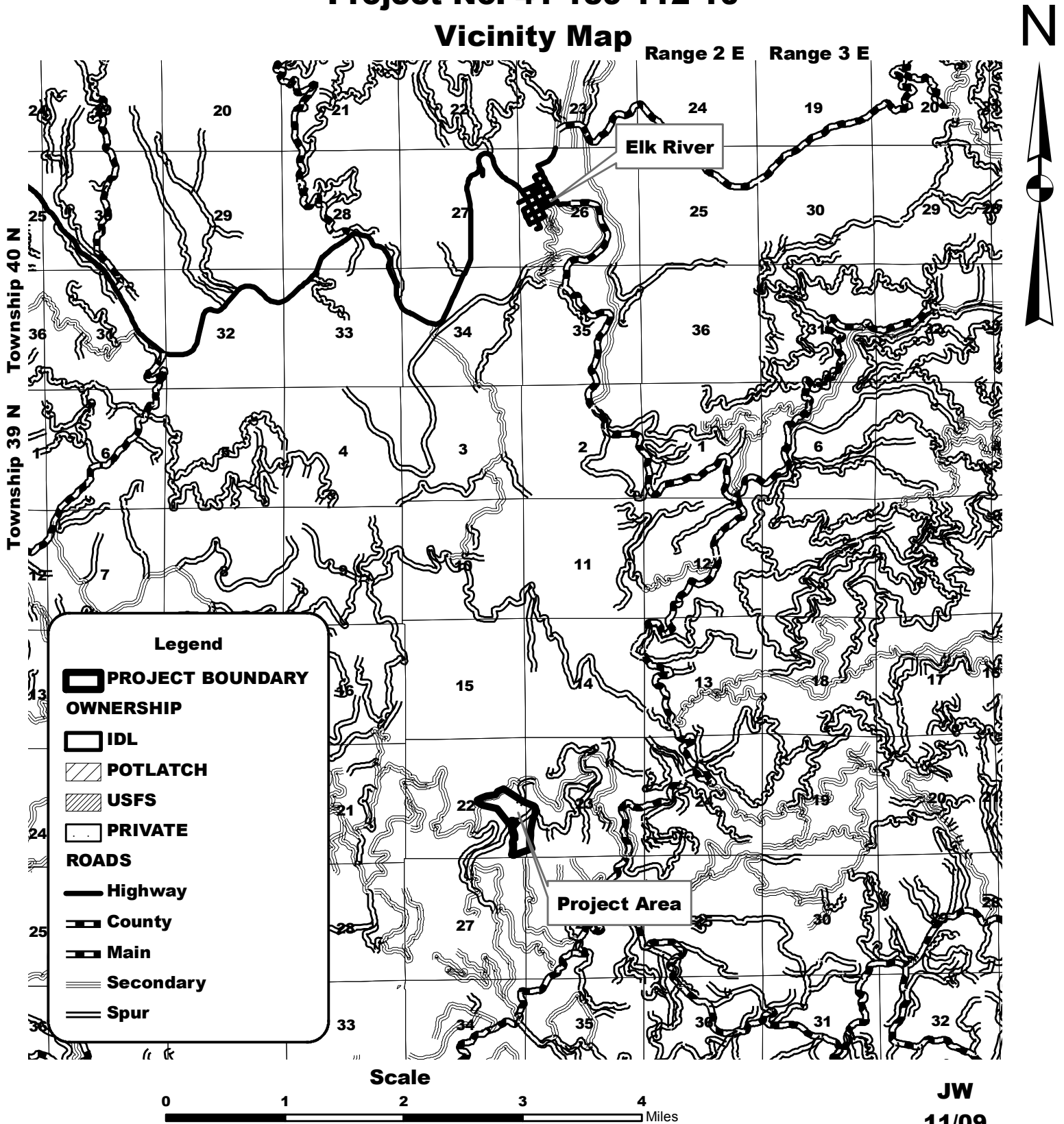
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Contract No. 10-204-410139

Fisher Creek Thinning

Project No. 41-139-112-10

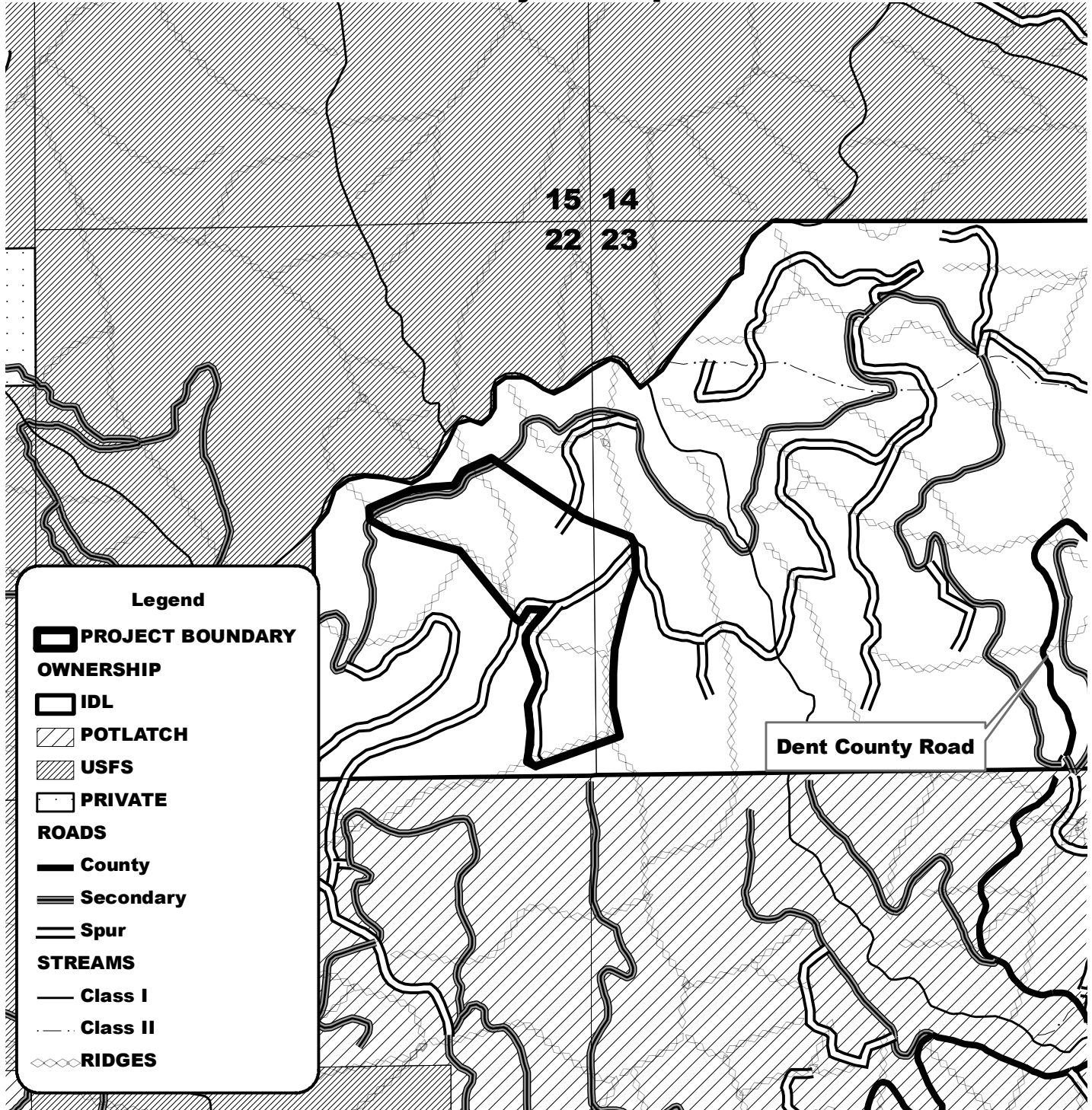
Vicinity Map



Contract No. 10-204-410139
Fisher Creek Thinning
Project No. 41-139-112-10

Township 39 N, Range 2 E

Project Map



JW
11/09

**CONTRACT NO. 10-204-430049
PRECOMMERCIAL THINNING
PROJECT DESCRIPTION**

SUPERVISORY AREA: Craig Mountain
PROJECT NUMBER: 43-049-112-08
PROJECT NAME: Eagle's Head Thinning

PROJECT LOCATION: This project is located ten air miles southwest of Winchester, Idaho, and consists of three (3) units. Project and vicinity maps are attached.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Pts. SWSW	23	32N	4W
Pts. NWNW	26	32N	4W
Pts. E2SW	23	32N	4W
Pts. E2NE	26	32N	4W

CONTRACT PAYMENT/PROJECT ACREAGE:

All acres are net horizontal. The acreage by unit is described below.

Contract payment will be made on the basis of satisfactory completion of the contract requirements on all of the below listed units. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit No.</u>	<u>Project Unit No.</u>	<u>Net Acres</u>
1	1	15
	2	7
	3	14
	TOTAL PAYMENT ACRES:	36

ACCESS:

Existing gated logging roads will provide the necessary access into the area.

TREATMENT TYPE:

The unit will be mechanically thinned with chainsaws by felling all surplus trees over one (1) foot in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after the Contractor has received a signed copy of the contract and has had a prework conference with the State (Contract Supervisor), and after July 1, 2010. This contract shall terminate November 15, 2010.

HAZARD PLAN:

The running surface of all spur roads and perimeter skid trails will be kept free of slash. This thinning debris may either be pulled back into the unit or hand piled, in piles of sufficient size, as designated by the State (Contract Supervisor), to allow for burning. If piled, piles shall be constructed at least ten (10) feet from any live green trees. Access to the area is limited all year by Fish & Game gates.

PROJECT BOUNDARY:

Project and unit boundaries (where applicable) have been marked on the attached project maps. They are further delineated on the ground by blue flagging and paint. Existing roads and skid trails may serve as boundaries.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the contractor on a 14-foot by 14-foot spacing basis (average 220 trees per acre). Spacing may vary up to thirty-five (35) percent (9.1 to 18.9 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.

The acceptable range for trees per acre is 180 to 260 trees per acre.

2. When selecting crop trees, a variety of species should be selected. Selection should be made on the basis of height rather than diameter. Following are the acceptable crop trees in order of preference, with the first being the most preferred.
 - a. Western larch
 - b. Ponderosa pine
 - c. Douglas-fir
 - d. Engelmann spruce
 - e. Grand fir
 - f. Lodgepole pine

3. Trees to be removed will be living culls and trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees one (1) feet in height and taller. Living culls are further defined as:
 - a. conks present
 - b. white pine blister rust present
 - c. western gall rust on the stem of the tree
 - d. dead or "spike" top
 - e. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
 - f. "dry" or dead sides
 - g. trees of poor form and having less than a twenty-five percent (25%) live crown

SPECIAL PROVISIONS:

1. Trees over eight (8) inches DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
2. All snags will be left standing.
3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho Forest Practices Act.
4. The contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The Contractor will furnish a lock to provide access during these closure periods. The Contractor will be responsible for any and all damage caused by said gates being left open by the Contractor or the Contractor's employees, subcontractors, agents or guests.
5. The Contractor shall be responsible for repairing damage incurred to access roads as a result of the Contractor's activities, as directed by the Contract Supervisor.

INFORMATION:

Further information is available by contacting the following:

JeAnn Willson
Idaho Department of Lands
014 Lorahama
Craigmont, ID 83523
(208) 924-5571

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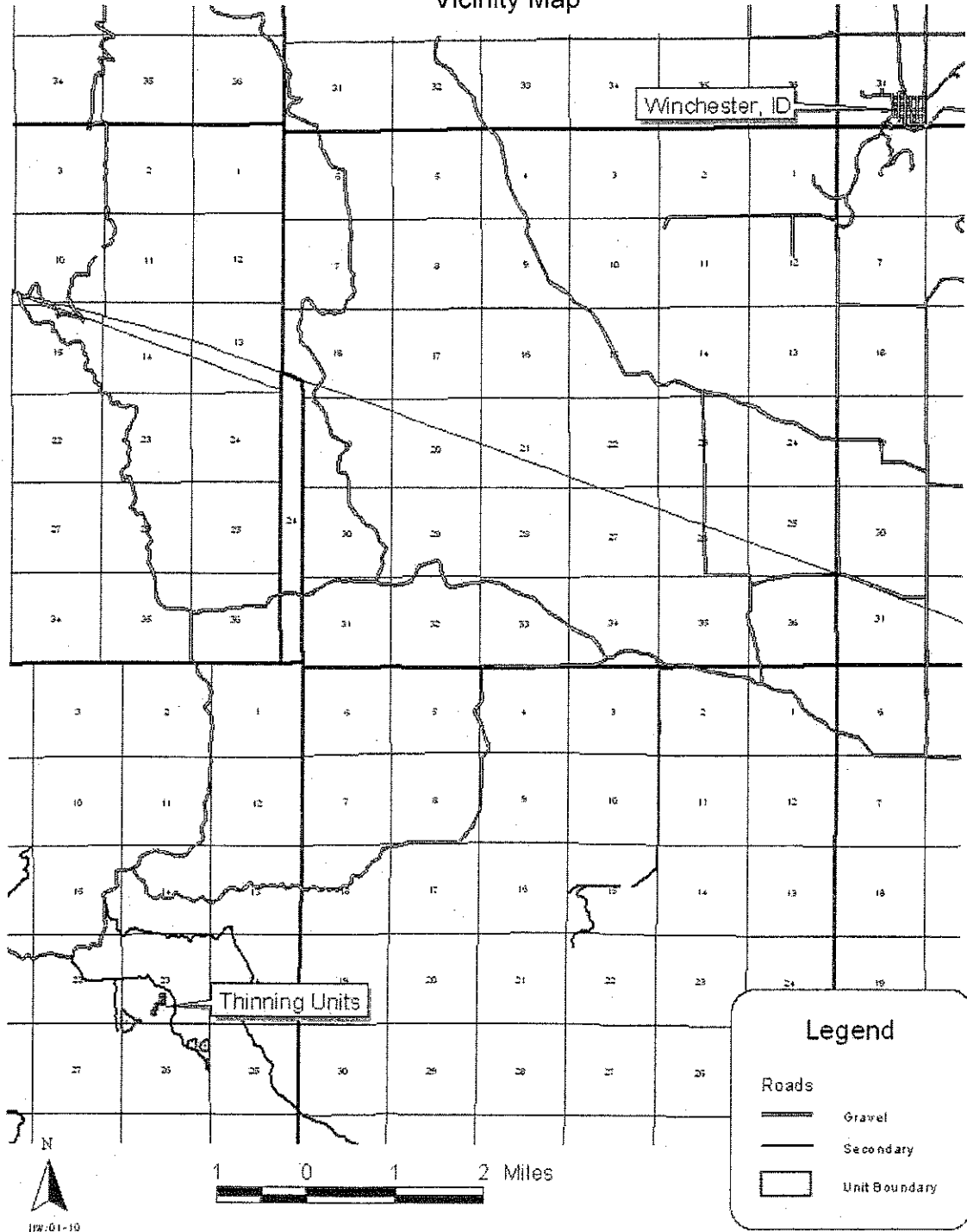
Eagle's Head Thinning

Contract No. 10-204-430049

Project No. 43-049-112-08

T32N, R4W

Vicinity Map



Eagle's Head Thinning

Contract No. 10-204-430049

Project No. 43-049-112-08







T32N, R4W

23



26


Legend

Roads

-  Paved
-  Gravel
-  Improved
-  Unimproved
-  Primitive
-  Trails

Streams

-  Class I
-  Class II

 Unit Boundary

0.25 SCALE 0 0.25 Miles



jrw/7-08

**CONTRACT NO. 10-204-430057
PRECOMMERCIAL THINNING
PROJECT DESCRIPTION**

SUPERVISORY AREA: Craig Mountain

PROJECT NUMBER: 43-057-112-10

PROJECT NAME: Madden Corral Thinning

PROJECT LOCATION: The project area is located approximately 13 air miles southwest of Winchester, Idaho. The project is located in the headwaters of the Captain John Creek drainage.

<u>Subdivision</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
Pts. NWN, Pts. NENW	33	32N	4W
Pts. SENW	33	32N	4W

AREA HISTORY: The project area was acquired in 2008 with the completion of a land exchange with the Idaho Department of Fish & Game. Prior to their ownership the land was part of the Howard & Halleck Ranch and was apparently clearcut in the early 1980's.

CONTRACT PAYMENT/PROJECT ACREAGE:

All acres are measured on the net horizontal. The acreage by unit is described below.

Contract payment will be made on the basis of satisfactory completion of the contract requirements on all of the below listed units. However, no payment will be processed prior to July 1, 2010. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

Payment Unit No.	Project Unit No.	Net Acres
1	1	40
	Total Project Acres:	40

ACCESS:

Primary access is provided by the Za Za county road. Other limited access is available through gated logging roads. Any road opened into the thinning area during this thinning operation will be required to again be "closed off" prior to cancellation of the contract.

TREATMENT TYPE:

The unit will be mechanically thinned with chain saws by felling all surplus trees over one foot (1') in height. Care will be taken not to damage the selected crop trees.

CONTRACT PERIOD:

Contract work may commence after July 1, 2010 and the Contractor has received a signed copy of the contract and has had a prework conference with the Contract Supervisor. This contract shall terminate on November 15, 2010.

HAZARD PLAN:

All roads and skid trails on the perimeter and roads within the contract area will be kept free of thinning slash. All felled material protruding over cut banks or onto road or skid trail right-of-ways will be removed as directed by the Contract Supervisor. A total of approximately 40 acres will be treated. Work will be kept current as thinning progresses.

PROJECT BOUNDARY:

The project boundary has been delineated on the ground by orange & blue flagging. Existing roads, skid trails, and Stand types serve as boundaries.

SUBJECT TO DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR WILL BE REQUIRED TO ADHERE TO THE FOLLOWING:

1. When selecting crop or leave trees, a variety of species should be selected based on the species preferences listed below. Selection after species should be made on the basis of height rather than diameter. Trees within 20 percent of the dominant tree heights are acceptable. Following are the acceptable crop species in order of preference, with the first being the most preferred.
 - a. western larch
 - b. Douglas-fir
 - c. ponderosa pine
 - d. lodgepole pine
 - e. Engelmann spruce
 - f. grand fir
2. For all payment units, crop or leave trees are to be selected by the Contractor on an 13 foot by 13 foot spacing basis (average 250 trees/acre). Spacing may vary up to 35 percent (7.15 to 14.85 feet) in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
3. The acceptable range for trees per acre is 220 to 300 trees per acre. Trees to be removed will be trees of poor form and vigor, including trees excessively damaged as a result of previous logging activity. This will include trees one (1') ft in height and taller.

Living culls are further defined as:

- a. conks present
- b. western gall rust on the stem of the tree
- c. dead or "spike" top
- d. "suckers" or trees in which the top has died back and the terminal growth assumed by another limb
- e. "dry" or dead sides
- f. trees of poor form and having less than a twenty-five percent (25%) live crown

SPECIAL PROVISIONS:

- 1. Trees over six inches (6") DBH and free of insects and disease will not be cut, as directed by the State (Contract Supervisor).
- 2. All trees six inches (6") DBH and greater which are culls, as determined by the State (Contract Supervisor), will be girdled as directed and not felled.
- 3. Stream channels shall be kept clear of slash, debris, or foreign material as per the Idaho Forest Practices Act.
- 4. The Contractor shall be responsible for maintaining any and all gate closures accessing the contract area during periods when public access is restricted. The Contractor will provide a lock to provide access during these closure periods. In the event that a gate is inadvertently left open, the Contractor will be responsible for any and all damage due to public traffic caused to roads behind the gate.
- 5. The Contractor shall be responsible for repairing damage incurred to access roads as a result of the Contractor's activities, as directed by the Contract Supervisor.

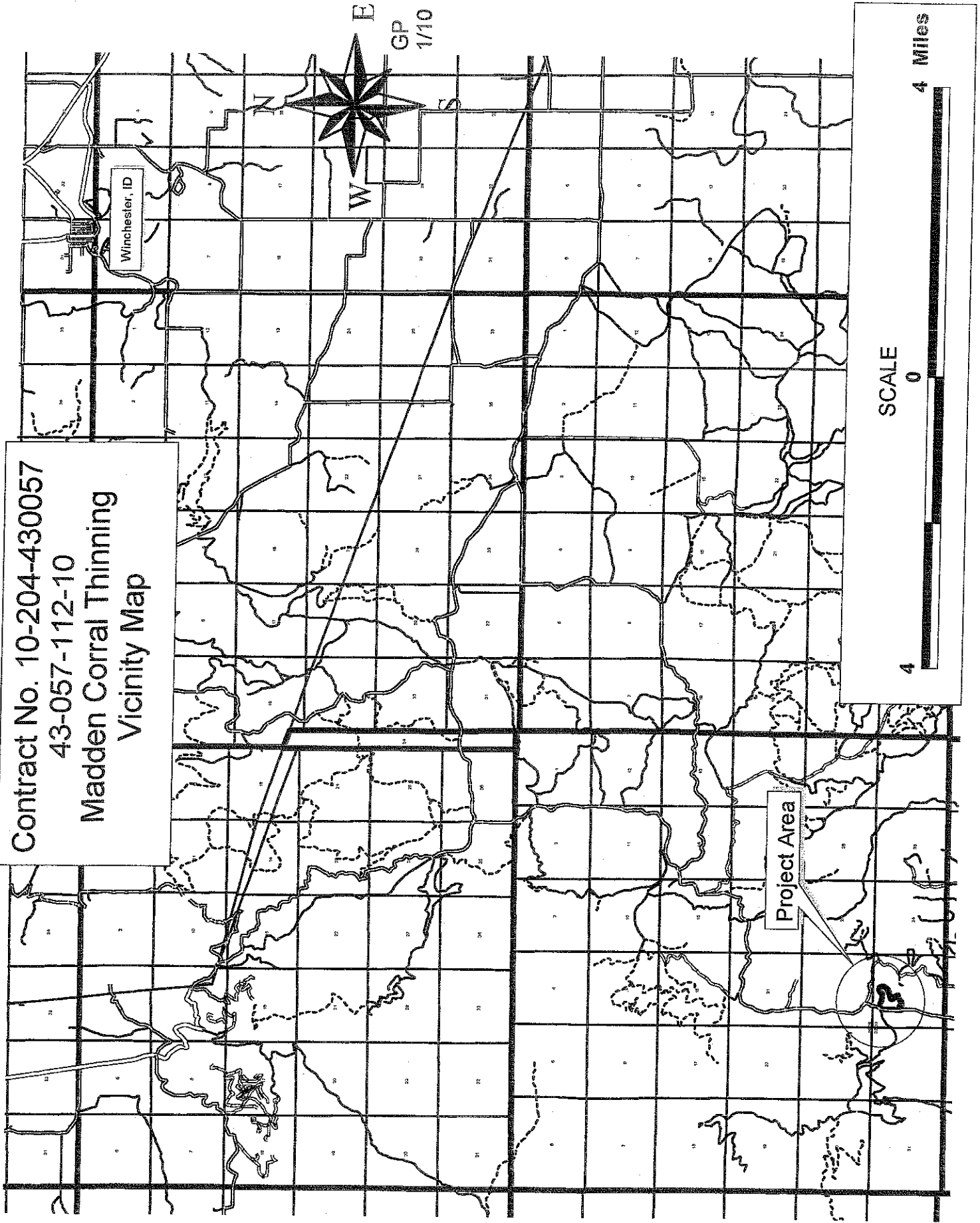
INFORMATION:

Further information is available by contacting the following:

Gene Phillips
Idaho Department of Lands
014 Lorahama
Craigmont, ID 83523
(208) 924-5571

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Contract No. 10-204-430057
43-057-112-10
Madden Corral Thinning
Vicinity Map



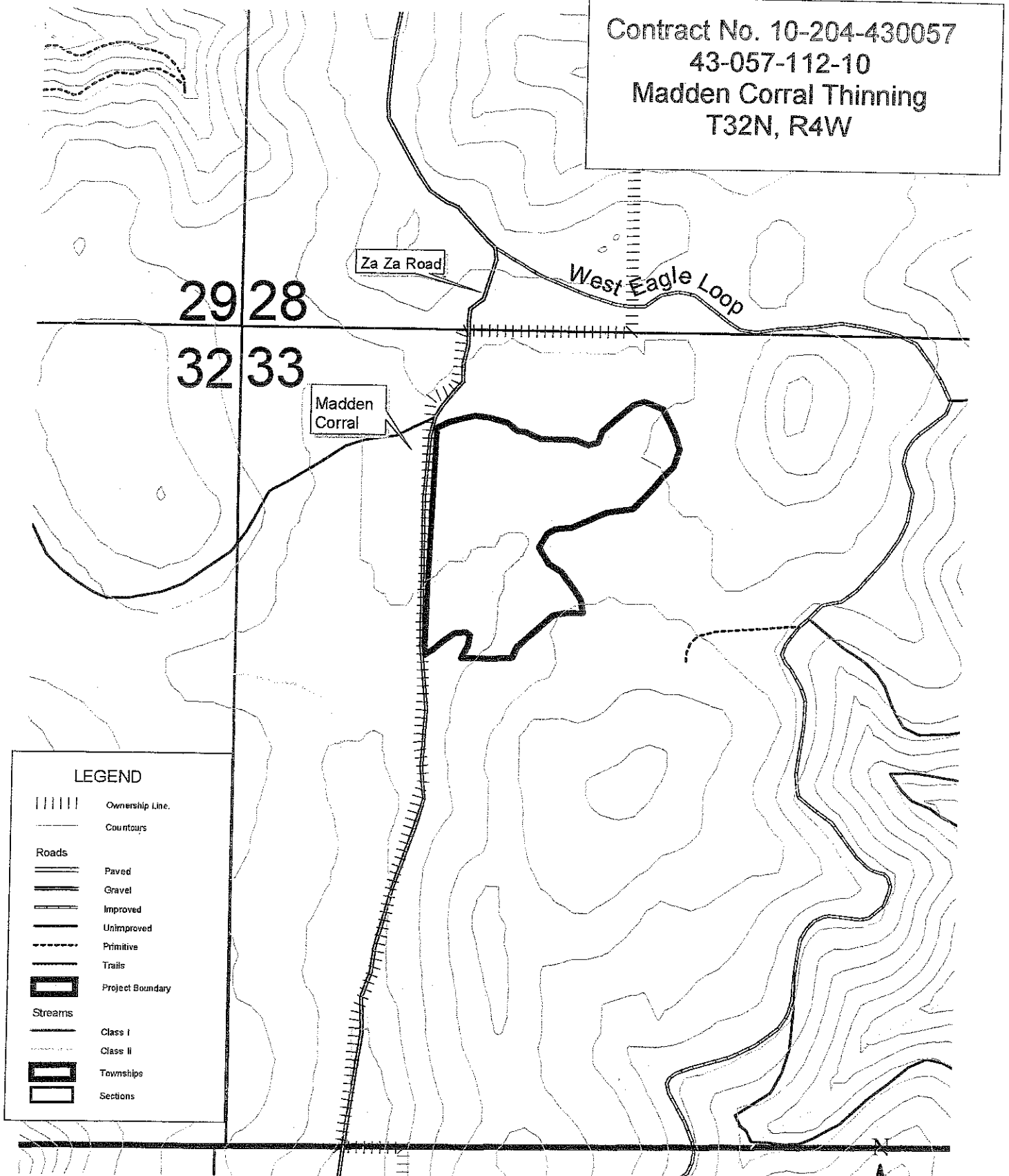
Winchester, ID

GP
1/10

SCALE
0

4 Miles

Contract No. 10-204-430057
43-057-112-10
Madden Corral Thinning
T32N, R4W



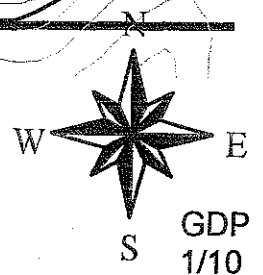
0.25

0

SCALE

0.25

0.5 Miles



CONTRACT #10-204-500343

**CULL TREE REMOVAL
PROJECT DESCRIPTION**

PROJECT NAME: Pole Creek CTR

PROJECT NUMBER: 50-343-132-10

SUPERVISORY AREA: Payette Lakes

PROJECT ACRES: 108

LOCATION: This cull tree removal is located 4 miles northwest of Council, Idaho.

LEGAL DESCRIPTION:

<u>Unit</u>	<u>Subdivision</u>	<u>Section</u>	<u>Twp</u>	<u>Rge</u>	<u>Acres</u>
1	Pts. W2NE, Pts. SENE	36	17N	2W	43
	Pts. E2NW, Pts. SE	36	17N	2W	<u>65</u>
				Total	108

TREATMENT TYPE:

This project is a cull tree removal and requires more skill on the part of the thinner in selecting leave trees as opposed to a pre-commercial thinning which is primarily based on spacing. Satisfactory performance will be determined by the ability of individual thinners to recognize specific physical attributes of individual trees as well as changes in site and stand conditions to determine which trees to reserve.

The units will be treated by mechanically felling undesirable trees with chainsaws.

CONTRACT PERIOD:

Contract work may commence once the contractor has received a signed copy of the contract and meets with the contract supervisor for a pre-work meeting. No work will be allowed before July 15, 2010. All field work needs to be completed by October 31, 2010. This contract will terminate on October 31, 2010.

CONTRACT PAYMENT:

Payment will be made on the basis of satisfactory completion of the contract requirements on the below listed payment unit. Payment will be made at the rate(s) set forth in Schedule A attached hereto.

<u>Payment Unit</u>	<u>Treatment Type</u>	<u>Acres</u>
Unit 1	CTR/Thin	108

HAZARD PLAN:

All roads within and adjacent to the thinning units will be kept free of thinning slash. Felled materials protruding over cut and fill banks or onto road right-of-way requires removal.

All material less than three (3) inches in diameter will be cut so that it does not extend more than twenty (20) inches of the mean height above the ground. Furthermore, all boles greater than three (3) inches in diameter intersecting another bole will be completely severed.

Protection measures will be discussed with the contractor prior to starting the contract work. Failure to comply with the above requirements would be considered a contract violation.

SUBJECT TO THE DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE CONTRACTOR IS REQUIRED TO ADHERE TO THE FOLLOWING:

1. Treatment Objectives:
 - a. Remove all physical and biological culls.
 - b. Sanitize stands by reducing the incidence of mistletoe.
 - c. Thin overstocked stands to increase growth and vigor of future crop trees.
2. Leave Tree Specifications: Leave trees shall be those trees of the tallest height, largest crown, longest terminal leader, and straightest stems that are free of insects, disease and physical or biological defects. The following are the acceptable crop trees in order of preference, with the first being the most preferred: Douglas-fir, ponderosa pine

Satisfactory performance will be determined by the quality of reserve trees rather than spacing. Trees must meet all of the listed criteria below to qualify as a reserve tree otherwise the tree shall be removed as determined by the contract supervisor.

The contractor is required to leave the following trees:

- a. Dominant or codominant conifers with good form and vigor.
 - b. Trees with a crown ratio greater than or equal to 35%.
 - c. Trees free of insects, disease and physical or biological defects. Leave trees shall have a maximum dwarf mistletoe class rating of 2. The Contractor will use the guidelines described in Attachment "A" (Hawksworth six-class rating system) to rate potential leave versus cut trees that are infected with dwarf mistletoe.
 - d. Crowns of desirable leave trees may touch on a maximum of one side.
3. Pre-work Meeting: A pre-work meeting will be conducted in the field before thinning commences. All relevant information regarding this project will be discussed in detail. Included in this meeting will be a short tour of example marking done by the state to illustrate leave tree selection criteria.
4. Crew Requirements: Thinning crews will be required to have one (1) non-thinning English speaking supervisor for every four (4) thinners.

FURTHER INFORMATION: Available by contacting:

Scott A. Howerton
Lands Resource Specialist, SR.

Mike Payne
Lands Resource Supervisor

Idaho Department of Lands
Payette Lakes Supervisory Area
555 Deinhard Lane, McCall, ID 83638
Office: (208) 634-7125 Fax: (208) 634-5117

Dwarf Mistletoe Control Specifications

Dwarf mistletoe infected trees will be rated by the following point system. Live trees will be rated 2 or less, and cut trees will be those with a rating of 3 or more, unless otherwise specified by the forester-in-charge.

The Six-Class Dwarf Mistletoe Rating System

INSTRUCTIONS:

EXAMPLE:

Step 1 - Divide the live crown into thirds.

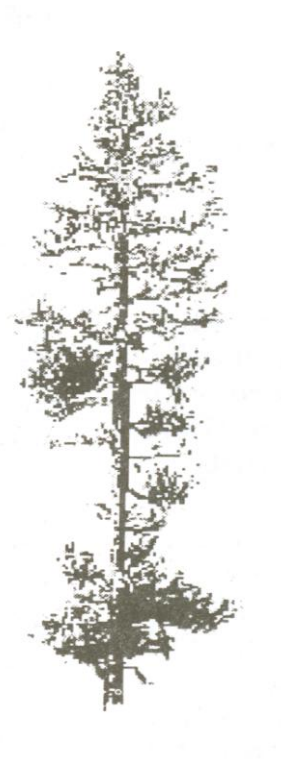
Step 2 - Rate each third separately.

Each third should be given a rating of 0, 1, or 2 as described below:

0. No visible infections.
1. Light infections ($\frac{1}{2}$ or less of total number of branches in the third infected).
2. Heavy infection (more than $\frac{1}{2}$ total of branches in the third infected).

Step 3 - Add rating of the thirds to obtain
A rating for the total tree.

Step 4 - Stand values may be obtained by
averaging individual tree ratings.



If this third has no visible infections, its rating is 0.

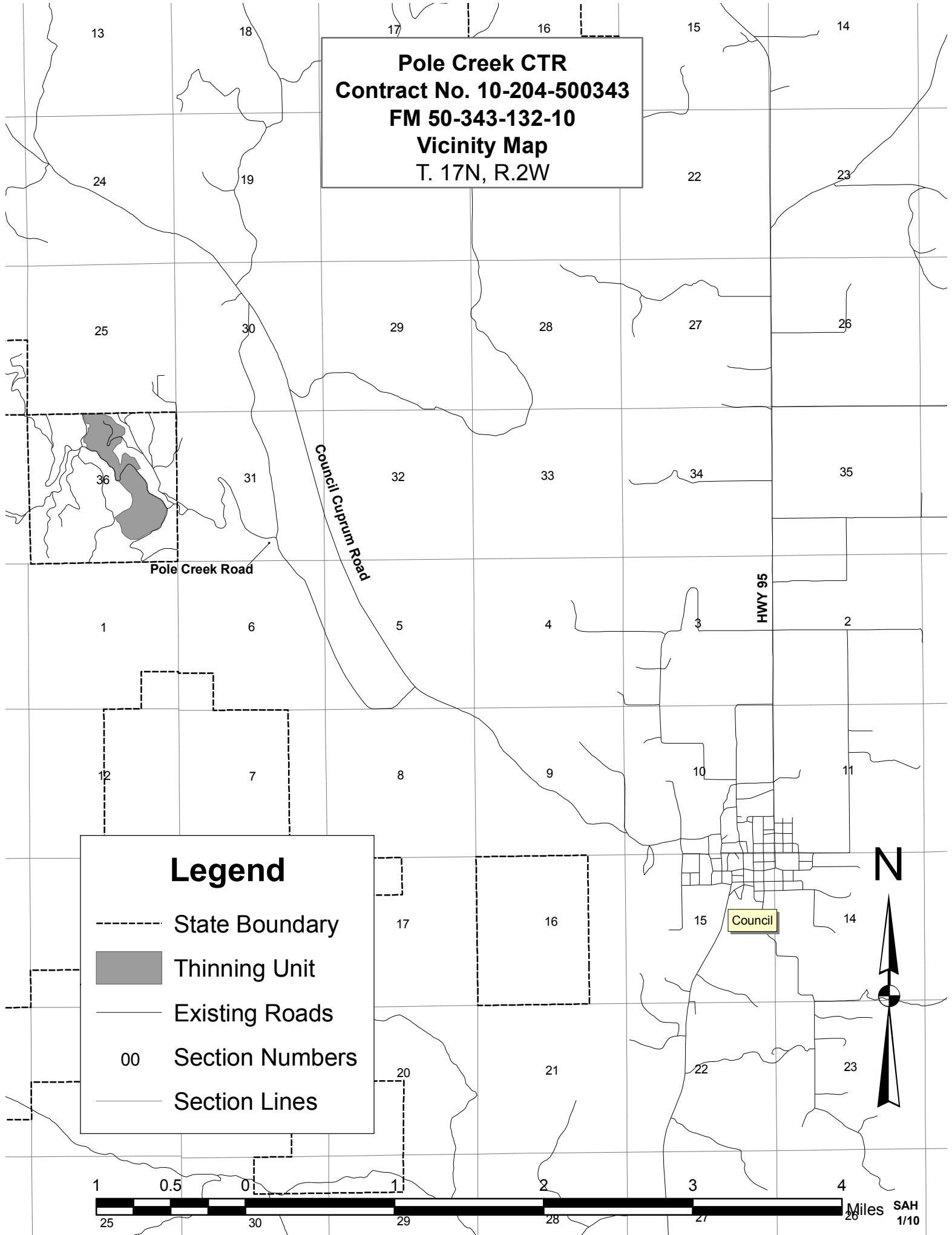
If this third is lightly infected, its rating is 1.

If this third is heavily infected, its rating is 2.

The tree in this example will receive a rating of: $0+1+2=3$.

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Pole Creek CTR
Contract No. 10-204-500343
FM 50-343-132-10
Vicinity Map
T. 17N, R.2W

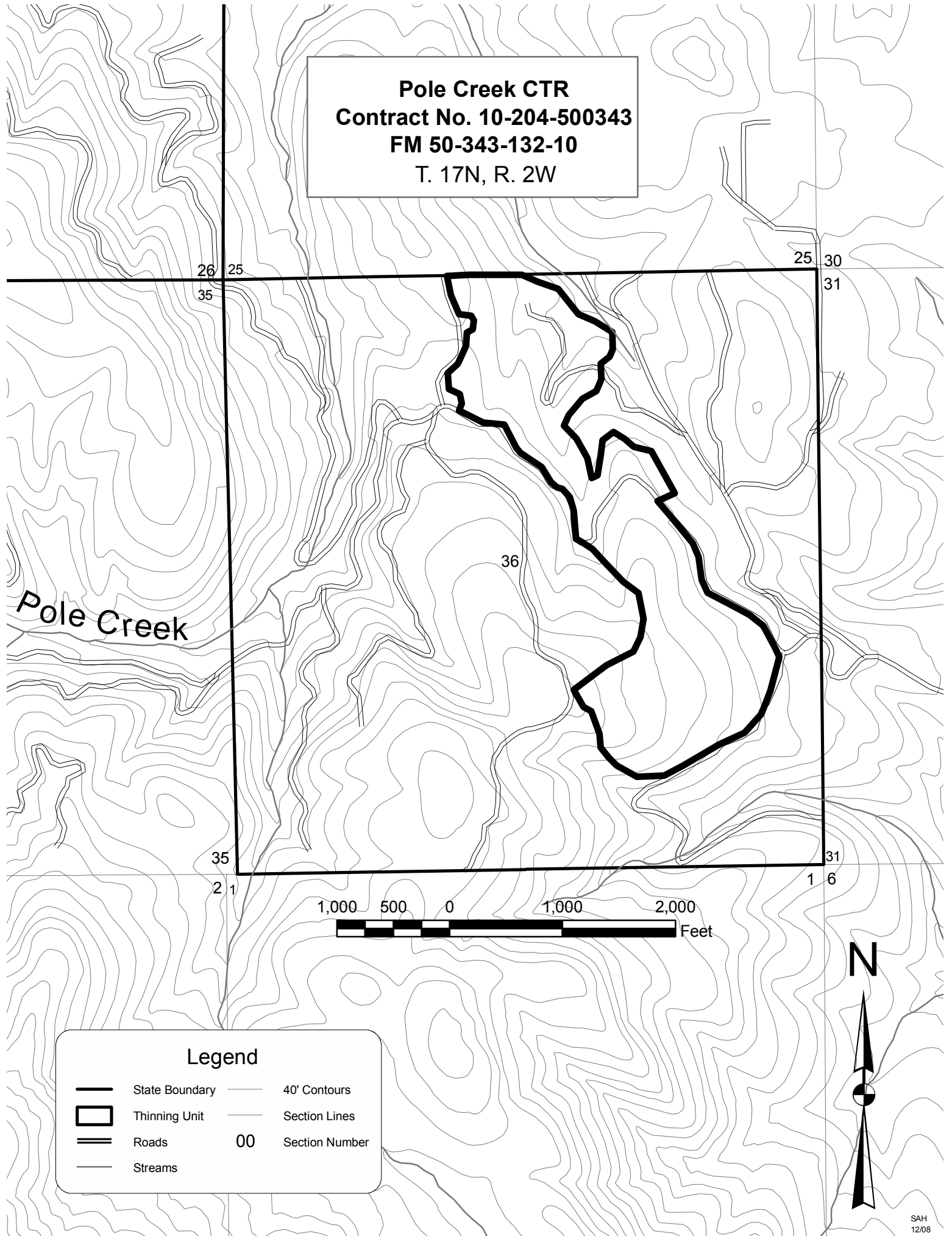


Legend








- State Boundary
- Thinning Unit
- Existing Roads
- 00 Section Numbers
- Section Lines



Pole Creek CTR
Contract No. 10-204-500343
FM 50-343-132-10
T. 17N, R. 2W



Legend

- | | | | |
|---|----------------|---|-------------------|
|  | State Boundary |  | 40' Contours |
|  | Thinning Unit |  | Section Lines |
|  | Roads |  | 00 Section Number |
|  | Streams | | |

CONTRACT #10-204-500353

**PRE-COMMERCIAL THINNING
PROJECT DESCRIPTION**

PROJECT NAME: Yockwah PCT
PROJECT NUMBER: 50-353-112-10
SUPERVISORY AREA: Payette Lakes
PROJECT ACRES: 274
LOCATION: This thinning is located 7.4 miles northeast of McCall, Idaho.

LEGAL DESCRIPTION:

<u>Unit</u>	<u>Subdivision</u>	<u>Section</u>	<u>Twp</u>	<u>Rge</u>	<u>Acres</u>
1	Pts. SW	1	19N	3E	135
	Pts. NW, Pts. N2SW	12	19N	3E	
2	Pts. E2SW, Pts SWSE	1	19N	3E	139
	Pts. W2NE, Pts. E2NW	12	19N	3E	
	Pts. E2SW	12	19N	3E	
Total					274

TREATMENT TYPE:

The units will be treated by mechanically felling undesirable trees with chainsaws.

CONTRACT PERIOD:

Contract work may commence once the contractor has received a signed copy of the contract and meets with the contract supervisor for a pre-work meeting. No work will be allowed before July 15, 2010. All field work needs to be completed by October 31, 2010. This contract will terminate on November 30, 2010.

CONTRACT PAYMENT:

This contract is offered as two (2) payment units. Payment will be made on the basis of satisfactory completion of the contract requirements as per Master Contract #10-204. Payment will be made at the rate(s) set forth in Schedule A attached hereto.

HAZARD PLAN:

All roads within and adjacent to the thinning units will be kept free of thinning slash. Any felled material protruding over cut banks onto road rights-of-way requires removal.

All protection measures will be discussed with the contractor prior to starting the contract work. Failure to comply with the above requirements would be considered a contract violation.

**SUBJECT TO THE DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR, THE
CONTRACTOR IS REQUIRED TO ADHERE TO THE FOLLOWING:**

1. Treatment Objectives: Thin out the overstocked trees to maximize growth.

2. Leave Tree Specifications: Crop or leave trees are to be dominant or codominant conifers specified by the contractor on a 15' X 15' spacing (average 194 trees per acre). The maximum diameter to cut is 8" dbh except for the large diameter overstory trees as specified below in the "Cut Tree Specification" section.

When selecting crop trees a variety of species should be selected. Leave trees shall be those trees of the tallest height, largest crown and straightest stems that are free of insects, disease and physical or biological defects. The following are the acceptable crop trees in order of preference, with the first being the most preferred:

- a. Western larch
- b. Douglas-fir
- c. Ponderosa pine
- d. Lodgepole pine
- e. Englemann Spruce
- f. Grand fir
- g. Subalpine fir

3. Cut Tree Specifications: The contractor will be required to cut the following:

- a. All surplus trees more than two (2) feet in height.
- b. Trees with poor form, broken tops or leaning over.
- c. Girdle the large overstory trees that are diseased, insect infected and/or defective.
- d. All physical and biological culls. Physical and biological culls are defined as:
 1. Trees with defects such as crooks, forks and/or sweep that do not have one eight foot (8') merchantable log in them.
 2. Trees with a dwarf mistletoe rating greater than 2 (see attached).
 3. Trees with less than twenty-five percent (25%) total height in the live crown.
 4. Trees with western gall rust. Some of the lodgepole pine saplings may be infected with western gall rust. If there are no trees available to leave without western gall rust, do not select trees to leave with gall rust infection in the main bole.
 5. Trees with a dead or "spiked" terminal leader.

FURTHER INFORMATION: Available by contacting:

Howard Wright
Senior Resource Specialist

Chris Clark
Resource Supervisor

Idaho Department of Lands
Payette Lakes Supervisory Area
555 Deinhard Lane, McCall, ID 83638
Office: (208) 634-7125 Fax: (208) 634-5117

Dwarf Mistletoe Control Specifications

Dwarf mistletoe infected tress will be rated by the following point system. Leave trees will be rated 2 or less, and cut trees will be those with a rating of 3 or more, unless otherwise specified by the forester-in-charge.

The Six-Class Dwarf Mistletoe Rating System

INSTRUCTIONS:

EXAMPLE:

Step 1 - Divide the live crown into thirds.

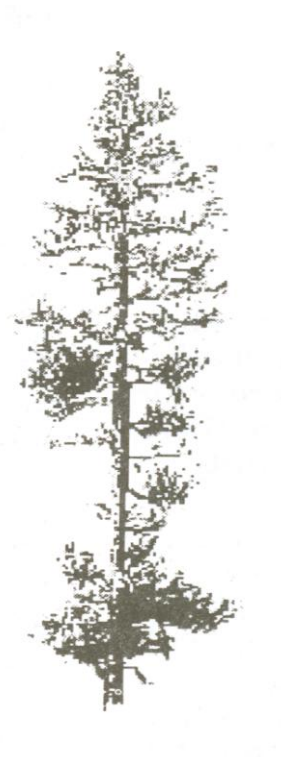
Step 2 - Rate each third separately.

Each third should be given a rating of 0, 1, or 2 as described below:

0. No visible infections.
1. Light infections ($\frac{1}{2}$ or less of total number of branches in the third infected).
2. Heavy infection (more than $\frac{1}{2}$ total of branches in the third infected).

Step 3 - Add rating of the thirds to obtain
A rating for the total tree.

Step 4 - Stand values may be obtained by
averaging individual tree ratings.



If this third has no visible infections, its rating is 0.

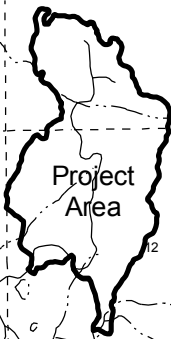
If this third is lightly infected, its rating is 1.

If this third is heavily infected, its rating is 2.

The tree in this example will receive a rating of: $0+1+2=3$.

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Yockwah
Vicinity Map
Contract # 10-204-500353
Project Number 50-353-112-10
T19N R3E



Project
Area

Payette
Lake

Eastside Drive

Little
Payette
Lake

Lick Creek Road

McCall

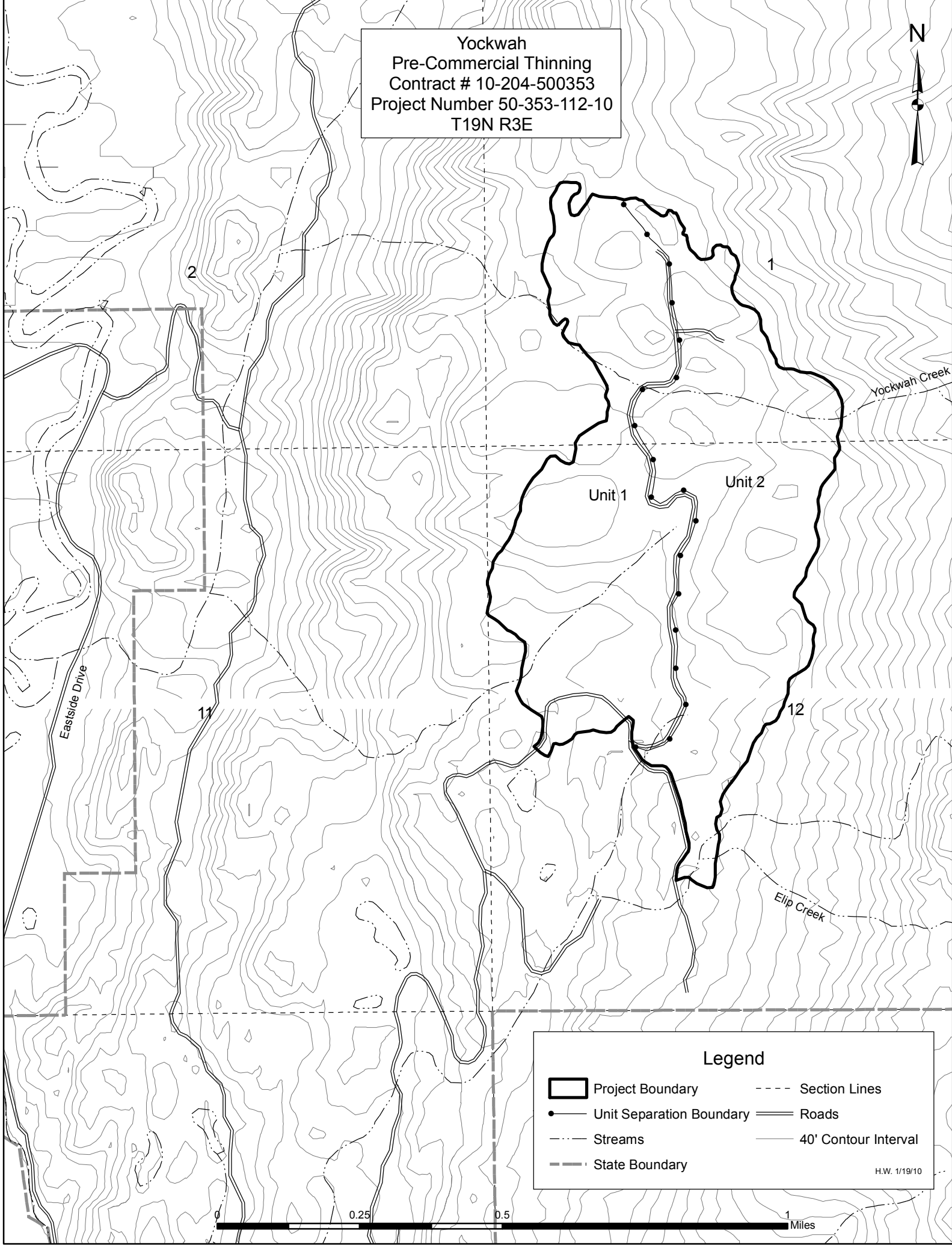
Legend

	Thinning Boundary		Section Line
	Roads		State Boundary
	Streams		

H.W. 1/19/10



Yockwah
Pre-Commercial Thinning
Contract # 10-204-500353
Project Number 50-353-112-10
T19N R3E



Legend

Project Boundary	Section Lines
Unit Separation Boundary	Roads
Streams	40' Contour Interval
State Boundary	

H.W. 1/19/10

CONTRACT # 10-204-500355

CULL TREE REMOVAL
PROJECT DESCRIPTION

PROJECT NAME: ERL

PROJECT NUMBER: 50-355-132-10

SUPERVISORY AREA: Payette Lakes

PROJECT ACRES: 340

LOCATION: 5.5 miles ENE of Cascade, Idaho

TREATMENT TYPE: Mechanical felling of undesirable trees with chainsaws.

CONTRACT PERIOD: Contract work may commence once the contractor has received a signed copy of the contract and meets with the contract supervisor for a pre-work meeting. No work will be allowed before July 15, 2010. All field work must be completed by 2 November 2010. The contract will expire 20 November 2010.

CONTRACT PAYMENT: Payment will be made based on satisfactory completion of work in each of the four units.

HAZARD PLAN: All roads, fuel breaks and designated skid trails will be kept free of slash. Material protruding into or over the roads, fuel breaks or designated skid trails must also be removed. No payment unit will be considered satisfactory until this work is completed.

**SUBJECT TO THE DIRECTION AND INSTRUCTION OF THE CONTRACT SUPERVISOR,
THE CONTRACTOR IS REQUIRED TO ADHERE TO THE FOLLOWING:**

1. Treatment Objectives:

- a. Remove living culls as defined in the master contract and this project description
- b. Reduce mistletoe.
- c. Increase spacing to increase growth of crop trees.
- d. Change species composition to favor seral species.

2. Leave Tree Specifications: The contractor is required to leave

- a. Dominant or codominant conifers with good form and vigor.
- b. Trees with a crown ratio greater than or equal to 40%.
- c. Trees free of insects, disease and physical or biological defects. Leave trees less than 8 inches dbh shall have a maximum dwarf mistletoe rating of 1 under the Hawksworth six-class rating system (See Attachment A). Trees over 8 inches dbh will not be considered biological culls unless the mistletoe rating is 4 or higher.
- d. Crowns of leave trees may not touch on more than one side.
- e. In order of preference: WL, PP, DF, ES, LP, GF, AF. However, a variety of species should be selected.
- f. When selecting leave trees, selection is best made on the basis of height rather than diameter.

Leave trees shall be those trees with the tallest height, largest crown, longest terminal leader and straightest stem that are free of insects, disease and physical or biological defects. Satisfactory performance shall be determined by the quality of the leave trees first, spacing second.

3. Spacing:

- a. Spacing will be 14' x 14' (222 trees/acre). Trees up to 8 inches dbh will be cut plus living culls with a larger dbh.
- b. Where an overstory is present, spacing should start from the dripline of a standing tree greater than 8 inches dbh that is not a living cull.

4. Cut Tree Specifications:

- a. All surplus trees more than two (2) feet in height.
- b. Trees less than 8 inches dbh with broken tops or leaning over.
- c. All living culls. Living culls are further defined as:
 - 1) Trees with defects such as crooks, forks and/or sweep that do not have one sixteen foot merchantable log (16' 6") in them.
 - 2) Trees with a dwarf mistletoe rating greater than or equal to 4.
 - 3) Trees with western gall rust. If there are no trees available to leave without western gall rust, do not select trees to leave with gall rust infection in the main bole.
 - 4) Trees with visible Indian Paint conks on 1/2 or more of the bole length.
 - 5) Trees with a dead or "spike" terminal leader.Large culls may be girdled according to specifications in the Master Contract.

FURTHER INFORMATION IS AVAILABLE BY CONTACTING:

Chris Vetter, Senior Resource Specialist
or
Chris Clark, Resource Supervisor

Idaho Department of Lands
Payette Lakes Supervisory Area
555 Deinhard Lane, McCall, ID 83638
Office: (208) 634-7125 Fax: (208) 634-5117

Dwarf Mistletoe Control Specifications

Dwarf mistletoe infected tress will be rated by the following point system. Leave trees will be rated 1 or less, and cut trees will be those with a rating of 2 or more, unless otherwise specified by the forester-in-charge.

The Six-Class Dwarf Mistletoe Rating System

INSTRUCTIONS:

Step 1 - Divide the live crown into thirds.

Step 2 - Rate each third separately.

Each third should be given a rating of 0, 1, or 2 as described below:

- 0 No visible infections.
- 1 Light infections ($\frac{1}{2}$ or less of total number of branches in the third infected).
- 2 Heavy infection (more than $\frac{1}{2}$ total of branches in the third infected).

Step 3 - Add rating of the thirds to obtain
A rating for the total tree.

Step 4 - Stand values may be obtained by
averaging individual tree ratings.

EXAMPLE:

If this third has no visible infections, its rating is 0.

If this third is lightly infected, its rating is 1.

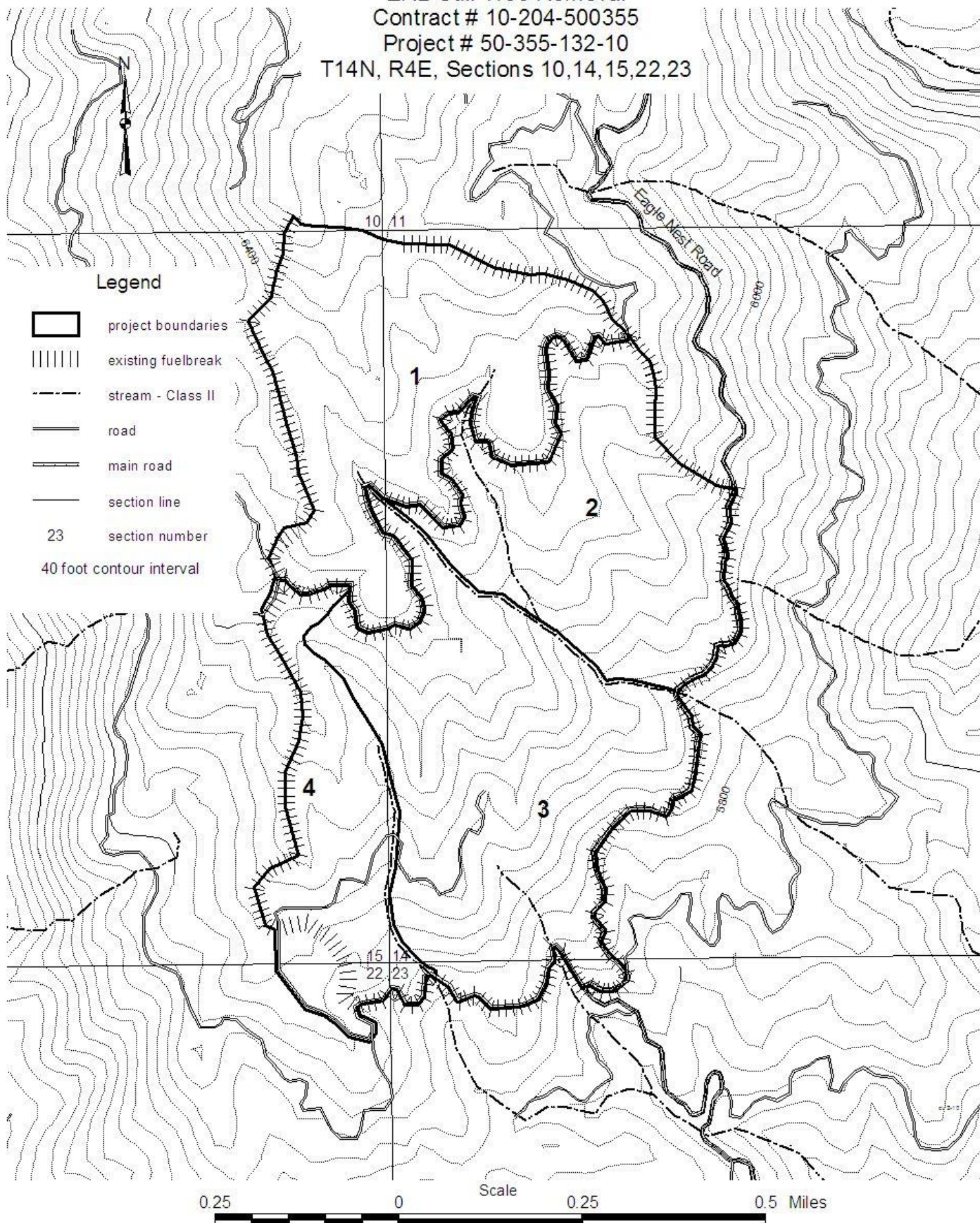
If this third is heavily infected, its rating is 2.



The tree in this example will receive a rating of: $0+1+2=3$.

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ERL Cull Tree Removal
Contract # 10-204-500355
Project # 50-355-132-10
T14N, R4E, Sections 10,14,15,22,23



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T14N, R4E, Sections 10,14,15,22,23

1 0 1 Miles

